

ARIC
LUXURIATE IN YOUR LIFE.



Owner Name

Purchase Date

Model Name

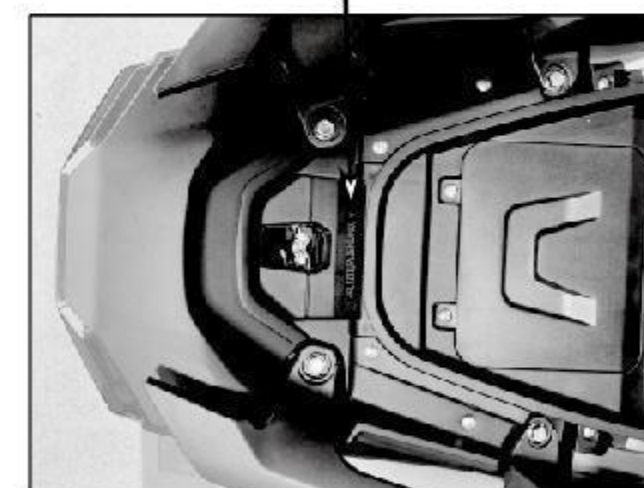
Engine No.

Frame No.

Dealer stamp:

- If there are any differences between the actual scooter and the manual, the actual scooter shall prevail.

1.Frame number location and nameplate location



VIN frame plate



frame number

2.Engine number location



Engine number

Specification			
Item	Specification	Item	Specification
L*W*H	1980mm×760mm×1315mm	Engine type	Single cylinder, water cooled, 4 valves
Net weight	176kg	Displacement	250cc
Wheelbase	1430mm	Bore×stroke	69mm×66.7mm
Tyres	Front 110/80-14, rear 130/7-13	Compression ratio	10.2:1
Fuel type	92#ABOVE	Max power	16.5 kW/7500rpm
Oil capacity	1.6L	Max torque	23.5N. m/5000rpm
Fuel tank	11.5L	Mini idling speed	1550±100rpm
Oil type	SAE:10W-40, API:SG or higher level	Transmission	Automatic, stepless
Battery	12V 8.6AH	Clutch	Dry, Automatic centrifugal
Fuse	30A/10A/10A/10A/10A/10A	Ignition type	ECU
Max speed	110km/h	Starter method	Electric
Fuel consumption	3.9L/100km	Spark plug	NGKR CPR8EA-9
Brake	Front disc rear disc, ABS	Lubrication type	Splash lubrication+pressure lubrication
Ground clearance	135mm	Seat height	780mm

2、Unscheduled maintenance

Item	Phenomenon and treatment
Ignition system	If there is obvious persistent misfire, engine overheating, or engine stalling, perform maintenance or inspection.
Carbon deposit removal	If the engine horsepower drops significantly between 10,000 and 15,000 kilometers, please remove the carbon deposits from the exhaust system, cylinder head, and piston head.
Transmission system	If there is a noticeable drop in top speed between 10,000 and 15,000 kilometers, please have the CVT system serviced and inspected.
Piston	If the engine is used too harshly before 1000 km, the piston, piston ring and cylinder block may be worn or stuck . Please clean or bore the cylinder or replace it with a new one.

Before riding

This user manual explains the correct usage of the scooter you purchased, safe riding, simple inspection methods, etc. In order to make your riding more comfortable and safe, please read it carefully. If you have any questions about this manual, please contact the sales department

For your rights, please obtain the user manual from the dealer when purchasing.

Please accept the following instructions:

- 1. The correct way to use the scooter.
- 2. Matters concerning inspection and maintenance before scooter delivery.
- 3. If there are other changes to the scooter's style, and the photos or pictures in the book are different from the actual scooter, the actual scooter shall prevail.

Note:

A complete regular inspection system must be implemented. We hope that you will carry out an initial inspection of your new scooter after it has traveled 600 kilometers, and then carry out regular inspections every 4,000 kilometers thereafter .

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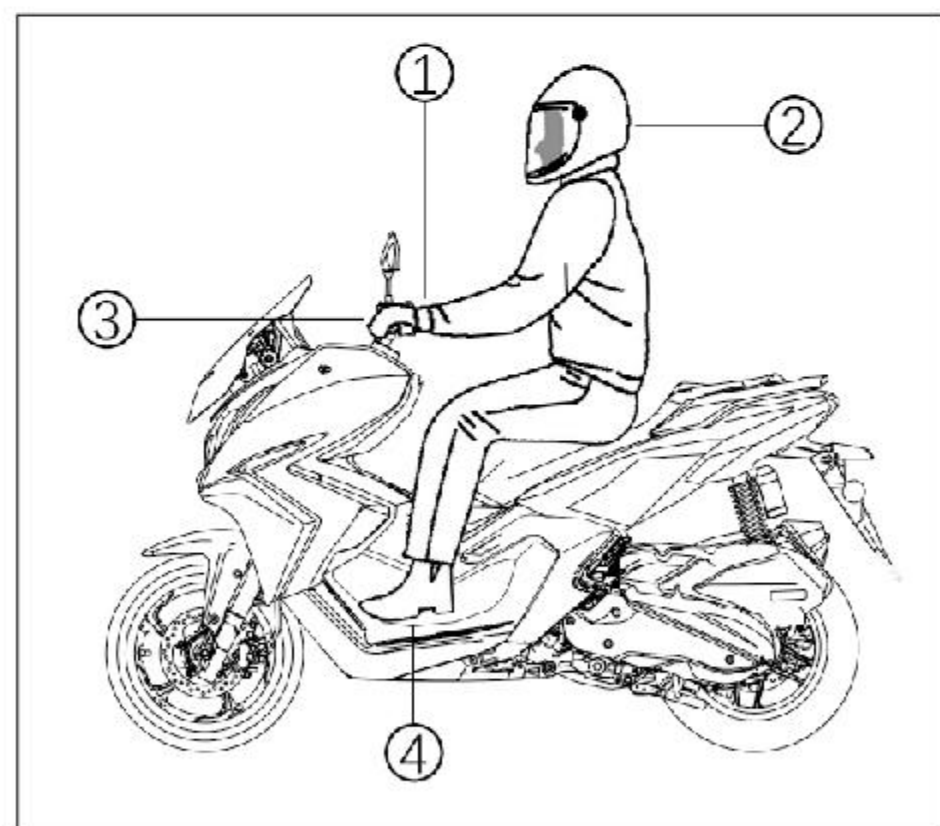
Circuit Diagram31

Note: If there is any discrepancy between the contents of this manual and the actual scooter, the actual scooter shall prevail.

Before riding

Keeping your mind relaxed and wearing comfortable clothes are the keys to safe riding.

- ①The cuffs should be buttoned and the clothes should be worn neatly to avoid the cuffs getting caught on the brake lever.
- ②Wear a safety helmet and fasten the helmet strap.
- ③When riding, hold the handlebars with both hands and never ride with one hand.
- ④Wear flat shoes.



When riding a scooter, please do not wear clothing that hinders riding safety to avoid accidents. ◀



When the scooter is in motion or within 30 minutes of stopping, the exhaust pipe is very hot, please do not touch it to avoid burns. ◀



When the scooter is parked, please stay away from dry grass or flammable items to prevent fire. ◀

Safe riding

•Keep a natural posture to operate smoothly.

•The operating safety of a two-wheeled scooter is determined by the riding position. Please always stay in the center of the seat when riding. If the rider sits in the back half of the seat, the load on the front wheel will be reduced, and the handlebars will swing, which may cause danger.

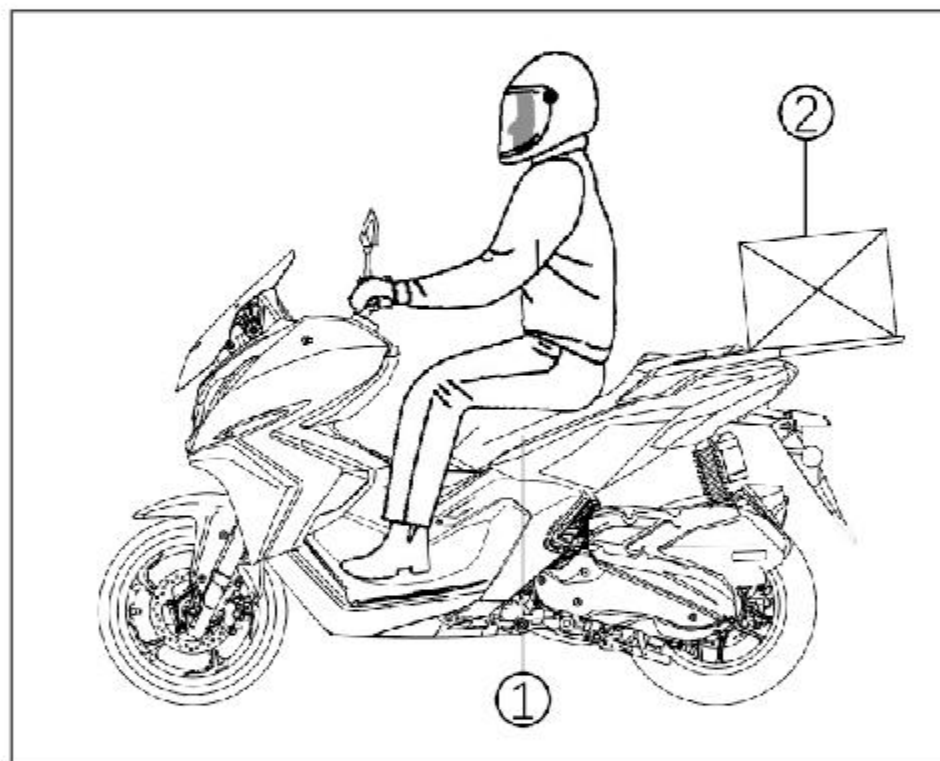
•When turning a scooter, it is easier to turn if the body leans slightly inward. If the scooter and the body do not keep a slight inward tilt, turning will be less safe.

•Riding on damaged or gravel roads is less stable. When riding on uneven roads, first check the road conditions, then slow down, relax your wrists and shoulders, and hold the handlebars tightly.

Loading

•The handlebars feel different when loaded and unloaded, so be careful when loading. The handlebars tend to swing when overloaded. Avoid riding while overloaded.

•The exhaust pipe temperature is very high. Rear passengers should be careful when getting on or off the scooter to avoid burns.



①Storage box: 10kg

③Cargo rack: 5kg

Note: Please do not put valuables in the storage box to avoid loss.



The structure of a scooter is related to its function. Any modification will deteriorate the handling performance, shorten the life of the scooter, and affect riding safety. ◀



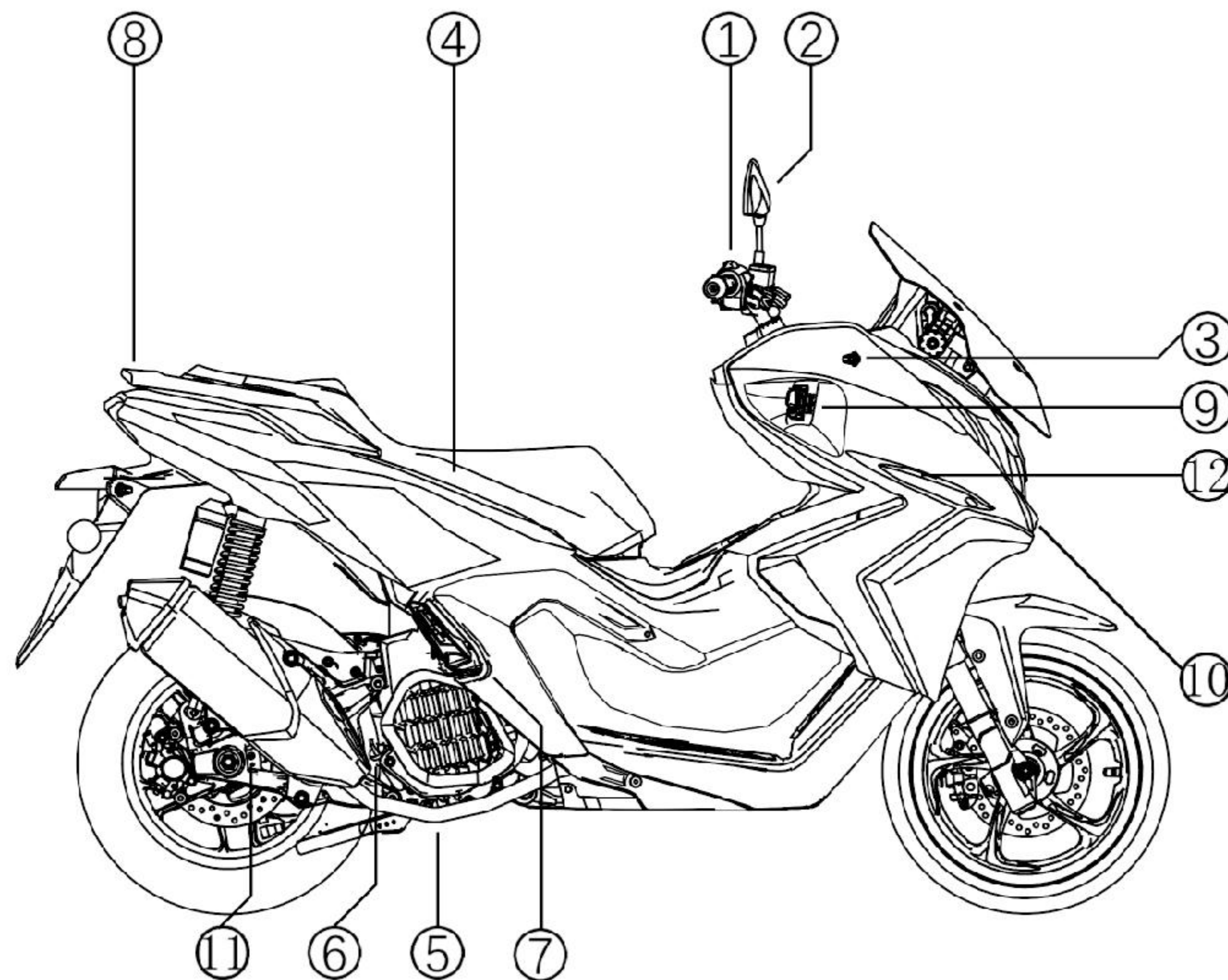
It is illegal to modify the scooter at will. Once the scooter is modified, the warranty will be void. ◀



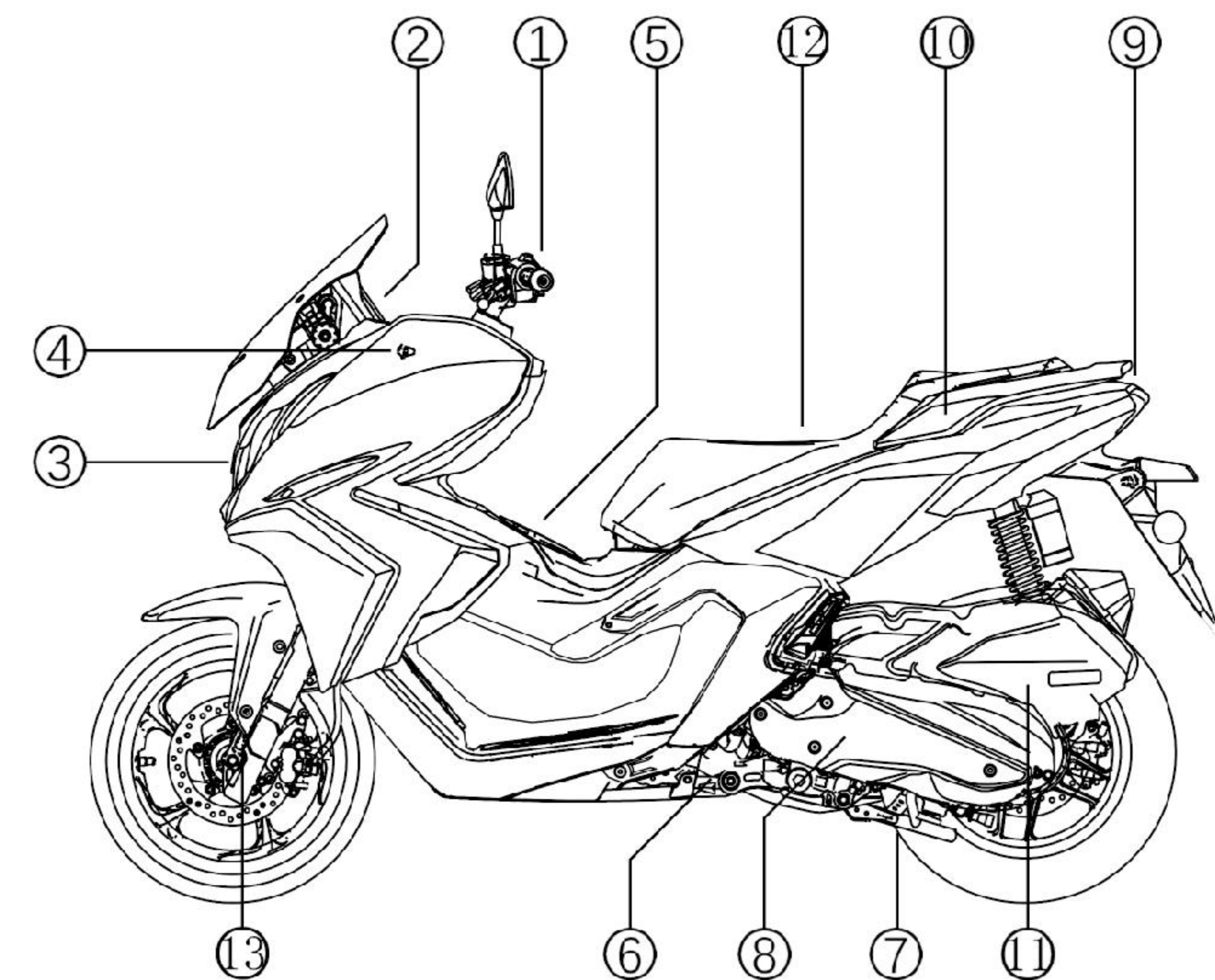
Do not place cloth between the scooter cover and the engine. Do not load in any location other than the designated storage box or cargo rack. ◀

ADV125/ADV150 Parts location

- ① Right operating switch group
- ② Rearview mirror
- ③ Right front turn signal
- ④ Frame number (Inside seat)
- ⑤ Exhaust pipe
- ⑥ Engine oil filling port
- ⑦ Foot pegs
- ⑧ Rear cargo rack
- ⑨ Main switch
- ⑩ Camera (Optional)
- ⑪ Rear wheel speed sensor
(Inside the exhaust pipe)
- ⑫ ABS pump body
(Inside front cover)



- ① Left operating switch group
- ② Instrument cluster
- ③ Headlights
- ④ Left front turn signal
- ⑤ Gasoline filling port
- ⑥ Side stand
- ⑦ Main stand
- ⑧ Engine
- ⑨ Tail light set
- ⑩ Battery
- ⑪ Air filter
- ⑫ Seat Cushions
- ⑬ Front wheel speed sensor



Motorcycle Parts Operation

TFT instrument function and operation

①Speedometer

The scooter's speed is expressed in km/h.

②Fuel gauge display/oil level indicator

Indicates the amount of gasoline in the tank. When the fuel gauge is close to the E remaining area, the fuel indicator light will also light up, indicating that the effective remaining gasoline is about 1.5L. Please refill with 92# or above unleaded gasoline as soon as possible.

③Odometer

- Mileage can be displayed using km or miles.
- Mode: total mileage (ODO) , one-way mileage (TRIP), maintenance mileage (no letters displayed) .
- Long press SET to enter the setting interface → Use the up and down keys to switch to the unit setting → Short press STE to enter the unit setting → Use the up and down keys to switch between metric and imperial units → Short press BACK to save and exit to the menu interface.
- One-way mileage (TRIP). Press and hold the BACK button to return to zero.



④Water temperature

- Engine cooling water temperature is represented by black squares .
- If the water temperature gauge symbol continues to flash while driving, it means the water temperature is abnormal. Please check it in time .



The engine will be at a high temperature if it has been idling for a long time. To cool down the engine at this time, the engine must be turned off.

⑤Tachometer (RPM)

Each scale x 1000rpm is the engine speed per minute.

⑥Bluetooth status indicator

- The icon turns blue to indicate that Bluetooth is connected.
- Short press the SET button to display the scooter's Bluetooth name .
 - Press and hold SET to enter the settings interface → Use the up and down keys to switch to Bluetooth settings → Short press SET to enter the submenu → Use the up and

down keys to switch Bluetooth on and off → Short press BACK to save and exit Bluetooth settings .

c. Grey means Bluetooth is not connected.

⑦Direction indicator

When the turn signal switch is operated, the indicator light will come on.

⑧Time

Press and hold SET to enter the settings interface, and use the up and down keys to switch to the clock/date settings to modify the date and time.

⑩Malfunction warning light

When the engine is running, the fault warning light goes out. If it does not go out automatically, it means that the scooter is faulty. Please go to the service station for inspection.



After the main switch is turned on , the fault indicator light will light up for 2 seconds and then go out automatically (instrument self-check), indicating that the scooter is normal.



If the fault indicator light does not light up for 2 seconds after the main switch is turned on, or lights up for 2 seconds and then continues to light up or flashes, it indicates a scooter failure. Please ride to a service station for inspection.

⑪High beam indicator

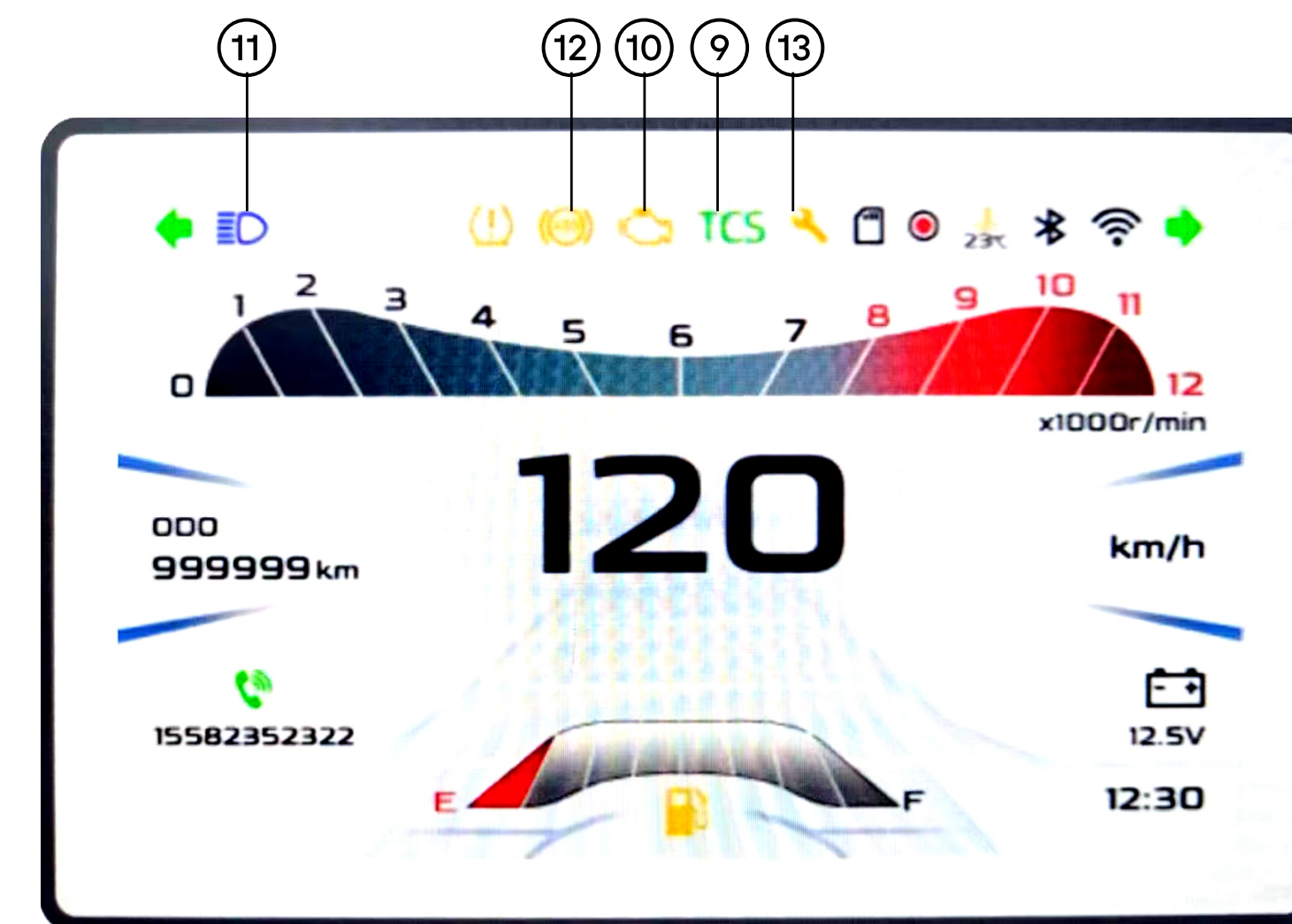
This light comes on to indicate that the headlights are in the high beam position.



When riding in the city, please turn the headlights to the low beam position to avoid obstructing the vision of drivers coming in front of you and to ensure riding safety.

⑫ABS indicator light

- The icon is yellow to indicate it is enabled.
- This light comes on when the main switch is turned on and goes off when the scooter reaches 6 km/h .
 - When the ABS system fails and the indicator light comes on, please go to a ARIIC dealer for inspection as soon as possible.



Maintenance mileage indicator

- a. Every 2,000 km, and the words OIL SERVICE on the LCD instrument will light up, indicating that the engine oil needs to be changed/the scooter needs to be maintained.
- b. After scooter maintenance, the maintenance mileage needs to be reset to zero.
- Oil service mileage reset operation.



The maintenance mileage light will not light up at 600 kilometers, so please pay attention to the timing of the first maintenance. Also, check the engine oil level every 1000km and refill if it is insufficient. ◀



When the oil pressure indicator light is on, it means the oil pressure is insufficient. Please go to ARIIC dealer or authorized service station for repair.

LCD Meter Operation Buttons and functions

①SET key

Short press the settings button to enter the mobile APP interconnection interface.
Long press the setting button to enter the setting menu interface.

②BACK key

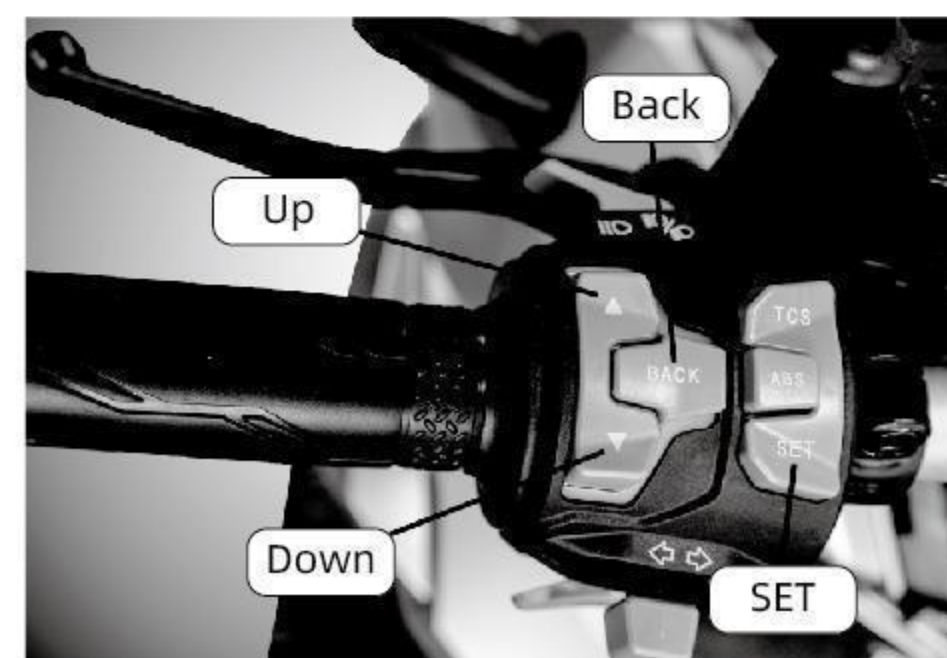
Short press the back button to exit the mobile connection interface or menu.

③Up key

On the instrument interface, short press the up button to switch the total and subtotal.

④Down key

On the instrument interface, short press the key to switch between total and subtotal.



Remote control lock function and operation

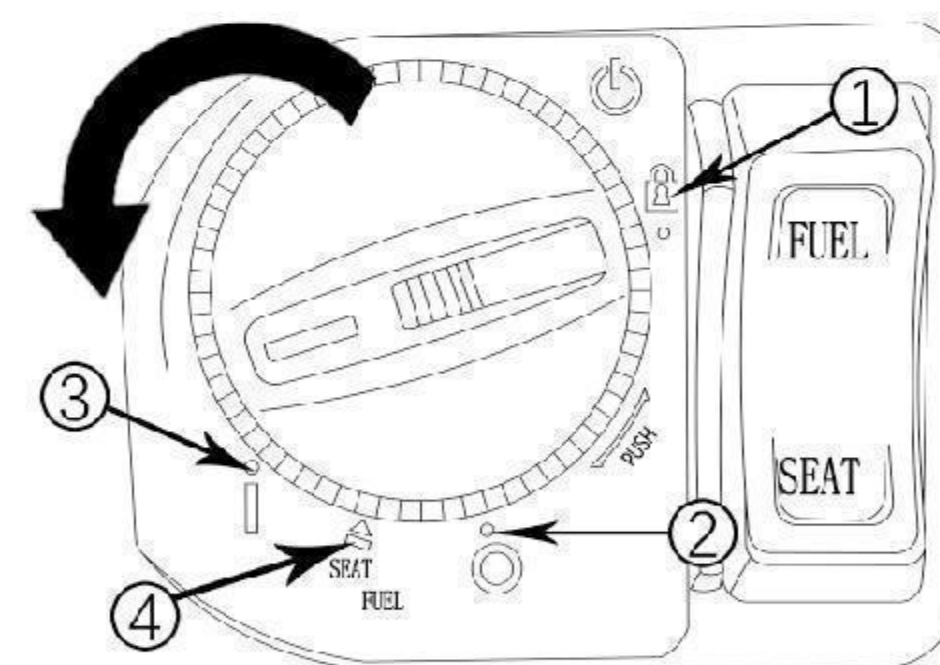
Main switch

In this position ①, the steering rod is locked.

When in this position ②, the scooter power is completely cut off

When in this position ③, the scooter power is fully connected (the engine can be started).

This position ④ Turn to this position as indicated by the arrow and press FUEL to open the fuel tank cap
Press SEAT to open the rear storage box.

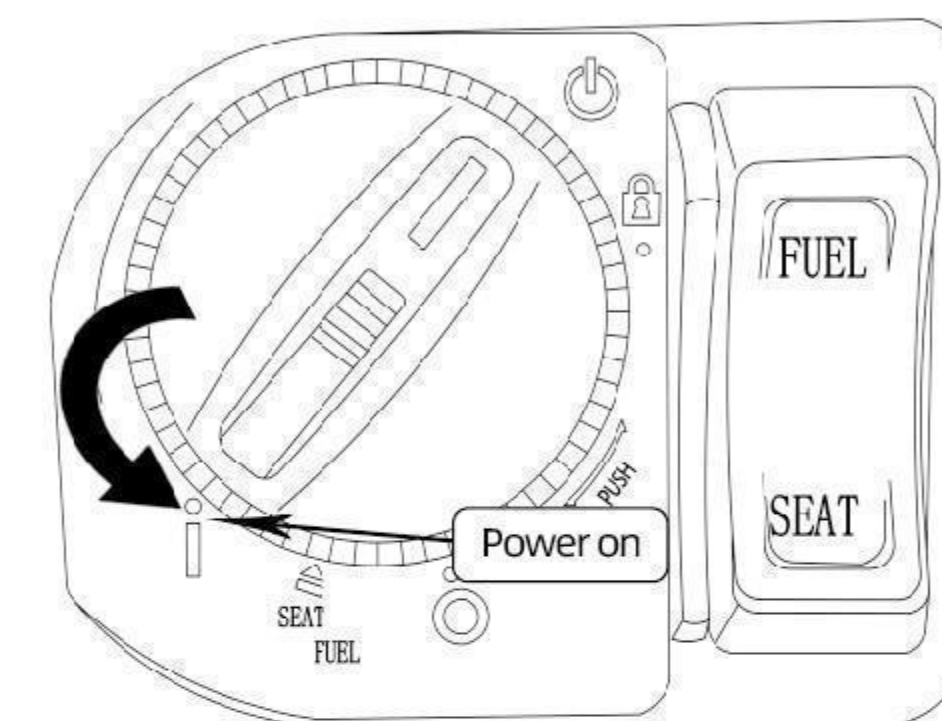


Do not turn the main switch to position while the scooter is moving.

In the remote control unlocking state, the following four mechanical lock functions can be operated.

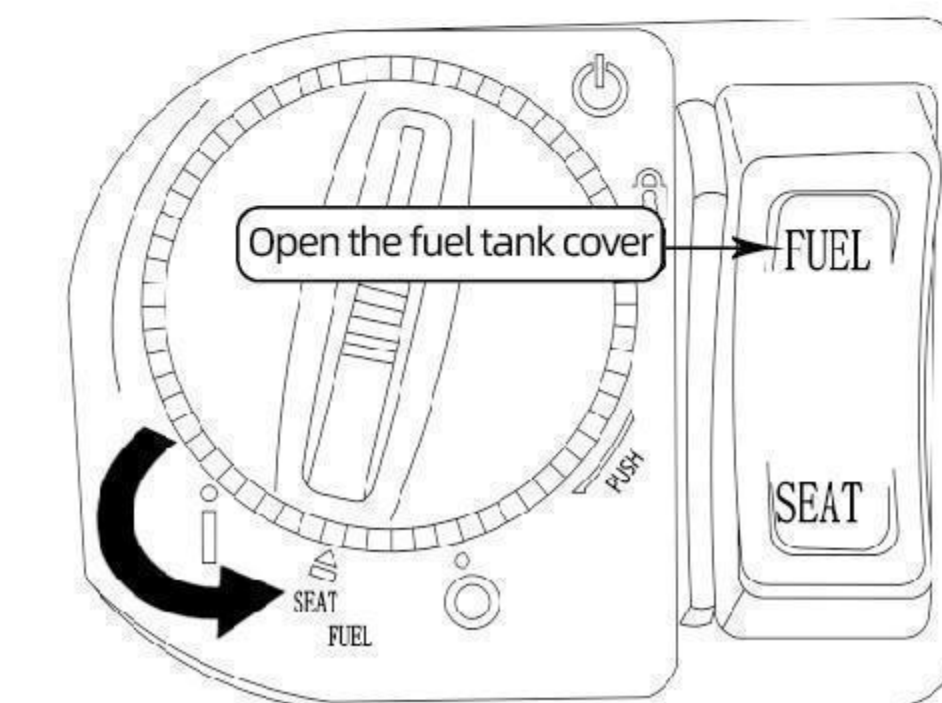
Main switch on

Turn the main switch to the " " position.



When the key is turned to the " " position, the horn and turn signal will work.

Open the fuel tank cover



How to enable:

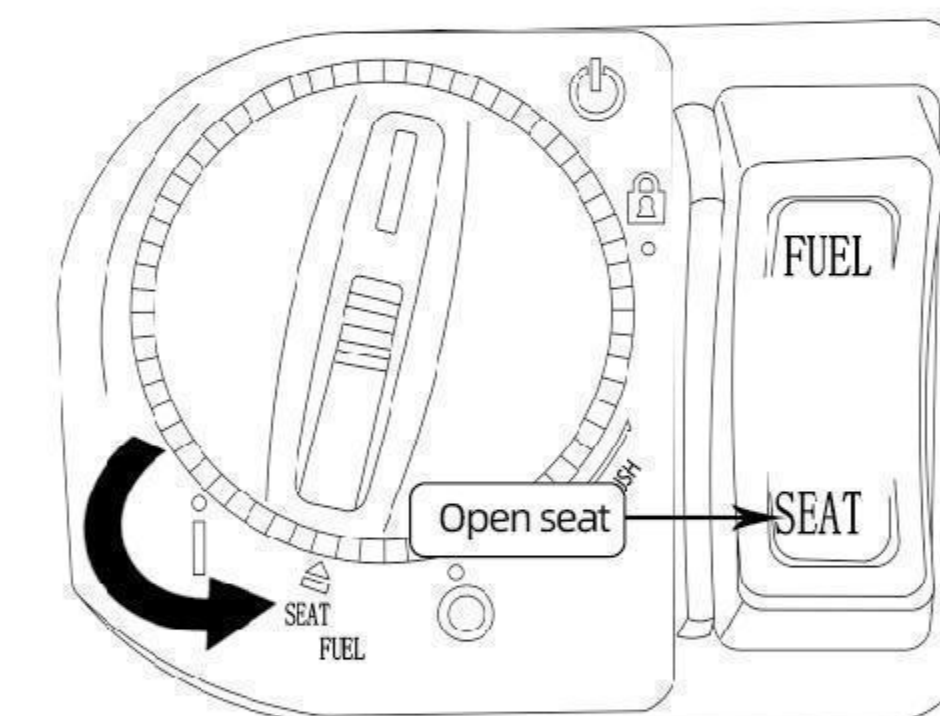
Turn the main switch knob clockwise to the " " position and press the "FUEL" button on the right side hard to open the fuel tank cover.

How to close:

Press down on the fuel tank cover to close.

Rear storage box open/close

When placing or removing items from the storage box, you need to open and close the seat cushion.



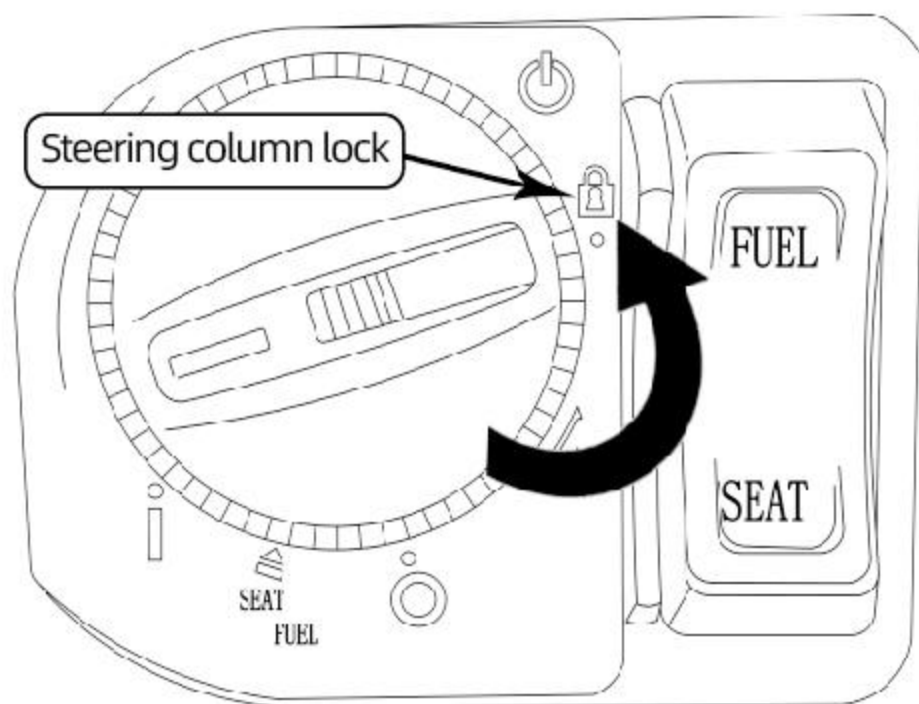
How to open:

1. With the engine off and the main switch in the " " position, press the "SEAT" button on the right side hard to open the seat cushion.

How to close:

1. Put the seat cushion down, then press the rear end of the seat cushion down to lock it automatically.
2. Then gently pull up the rear end of the seat cushion to confirm that it is locked.

Steering column lock



To prevent theft, lock the steering column when parking.

Locking and unlocking methods:

Turn the steering column to the left, press and hold the knob, and turn it counterclockwise to the "  " position. To open, press and hold the knob and turn it clockwise.



After locking, turn the steering column slightly to confirm whether it is locked.

When parking, do not park in a place that obstructs traffic safety.

PKE intelligent remote control and operation

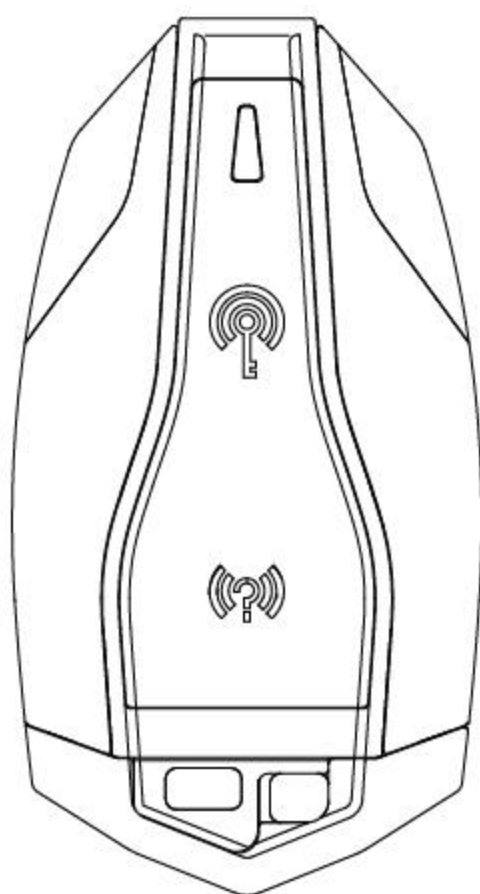
Remote control

Lock

Short press the arming key to enter the arming state. If it is already in the arming state, short press once will not execute the operation function and keep the arming state.

Unlock

Short press the unlock button, the solenoid valve, ambient indicator light and other functions work synchronously, the main switch can be turned to ignition, and the seat cushion can be opened. The solenoid valve and ambient indicator light keep working for 7s.



If the engine stops but the main switch remains in the "  " position, the battery will continue to consume power. Do not turn the power switch key while riding.

PKE keyless entry operation

Press in the lock handle to trigger the PKE switch. Within the effective distance of the sensing key, the main switch can be opened, which can be operated according to the main switch section.

Anti-theft function

Short press the lock button:

When the key is away from the scooter, any vibration of the scooter will trigger an alarm. The first pre-alarm will be 7s, and the second alarm will be 15s emergency alarm. This alarm is audible and visual.

Automatic Arming:

When the main switch is switched from on to off, it will automatically lock after 7 seconds. After 15 seconds, any vibrations to the scooter will trigger an alarm.

Sensitivity adjustment

Long press  to enter the sensitivity

adjustment, the default is level 3. Level 1 is the lowest, Level 5 is the highest, and the levels are distinguished by the sound. The number of beeps indicates the level. After entering the adjustment mode, press short press  to adjust the level, press the key  to select the level and exit.

Sensor opening and closing

Press  and  at the same time to turn off the sensing function. At this time, the keyless entry function is turned off. Repeat this operation to turn on the keyless entry function. The turning off prompt sound is a long beep, and the turning on prompt sound is two beeps.

Key matching

When either the smart key or spare key is damaged or lost, a new key can be Paired. Please consult the supplier or manufacturer for details.

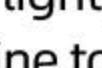
Key sensor light (optional)

1. When the induction key approaches the scooter and the wake-up switch is triggered, the key sensor light will work simultaneously with the solenoid valve, cover light, etc. Without any operation, it

will turn off after 7 seconds.

2. When the ignition switch is turned to the ignition position, the key sensor light will light up for 4 seconds and then go out. The key sensor light will not be detected during riding.

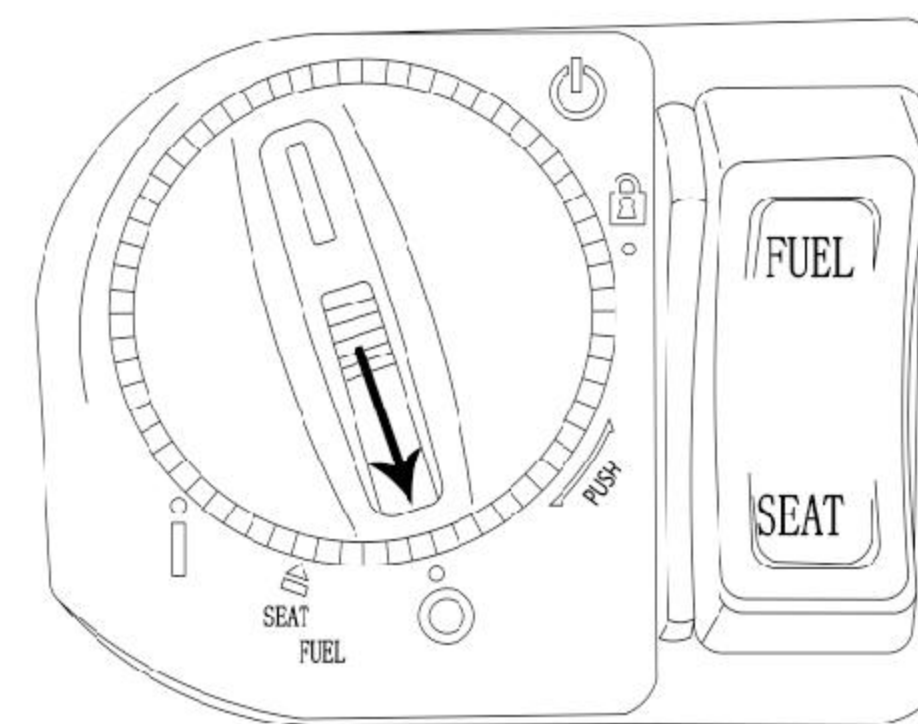
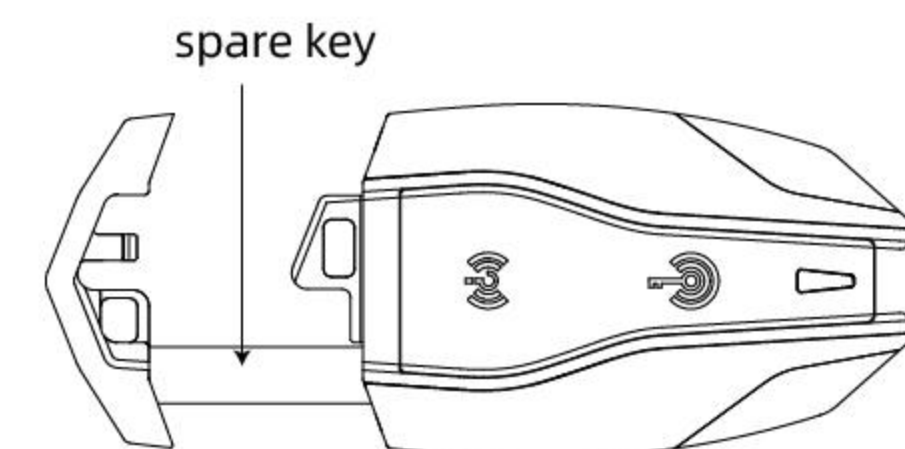
3. When the ignition position is turned to the off position, the key sensor lights up for 7 seconds and turns off after 7 seconds.

4. When the engine is off, press the key unlock button  to turn on the key light, and press  after locking the engine to turn off the key light.

Spare key use

By using the spare key, you can unlock the main switch, open the storage box, and lock the fuel tank cover.

1. Take the spare key out of the handle.
2. Push open the cover on the main switch knob and insert the spare key.
3. Rotate the knob to achieve the corresponding function.



After use, pull out the emergency key and close the knob cover.

Reminder settings and automatic lock

In the unlocked state, when the main switch is turned from  gear to  gear, and the anti-theft alarm is not set after 5 seconds, the turn signal light flashes three times to remind the owner to set the anti-theft alarm, and the scooter will be locked automatically after 15 seconds.

Automatic restoration of alarmlock

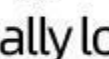
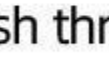
In  or  the armed or unlocked state, press the  on the remote control, the direction lights will flash twice, and it will

automatically return to the armed state after 15 seconds.

Malicious operation of solenoid valve protection

If the solenoid valve is operated 10 times continuously within 10 seconds, it will be locked automatically, which is considered as malicious operation and the system will automatically enter protection. During the 15-second protection period, the scooter will respond when the remote control is pressed, but the solenoid valve will not operate. Normal operation will resume after 15 seconds.

LOCK Automatic locking

In the unlocked state, when you shift  into  gear, the scooter will automatically lock after 3 seconds. When you shift  into  gear, the direction indicator will flash three times and the scooter will automatically lock after 15 seconds.

Seat cushion opening method

The seat cushion can be opened to two stages:



How to open:

1. With the main switch in the "  " position, press the "SEAT" button on the right side hard to open the seat cushion.

How to close:

1.1. Put the seat cushion down, then press the rear end of the seat cushion down to lock it automatically.
2. Then gently pull up the rear end of the seat cushion to confirm that it is locked.



When the seat cushion is opened to the second position, if you need to close it, you need to return the seat cushion to the first gear and then press down the seat cushion.



Please do not put valuables in the storage box to avoid losing them. ◀

The seat cushion does not pop up automatically when opened.

Helmet hook

After parking, put the helmet buckle in place.

Instructions

1. Press the seat lock and open the seat.
2. Put the metal buckle of the helmet into the hook.
3. Put down the seat cushion and lock the helmet.



How to remove

According to the instructions, open the seat cushion and take out the helmet.



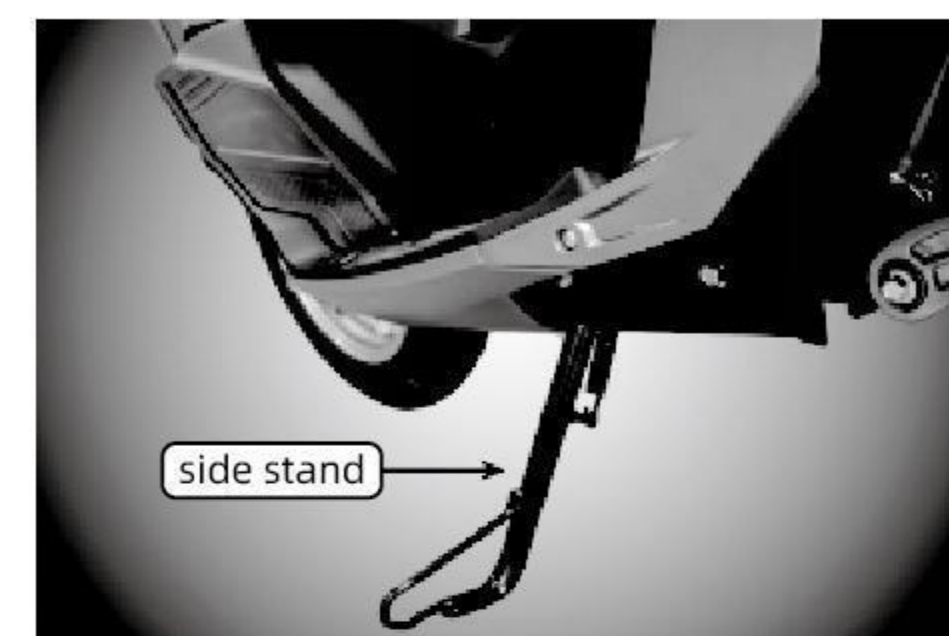
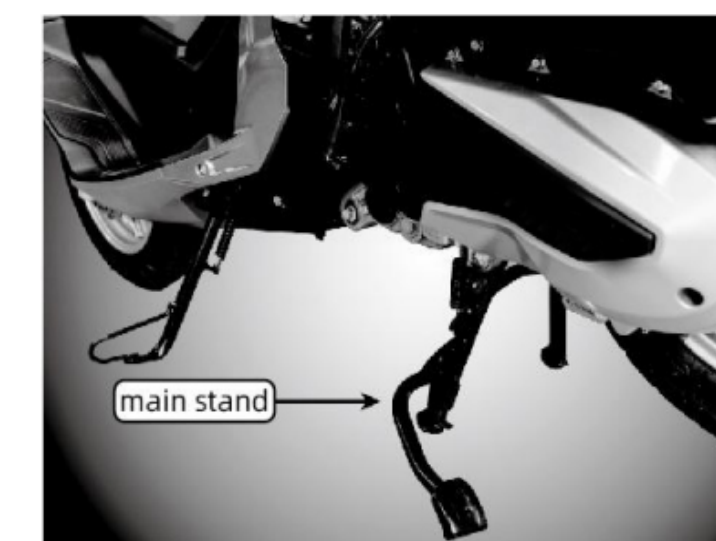
When riding, do not lock the helmet on the scooter to avoid damaging the parts or the paint.

Side stand

The side stand is not only used for parking, it contains a safety mechanism that prevents the scooter from starting when the side stand is down.

(Check the side stand automatic shutdown system)

1. Put the main stand up on flat ground.
2. Return the side stand to the upper position and start the engine.
3. Check the side stand automatic shutoff system.



If there are any problems with the side stand operation, please have it checked by ARIIC dealer.

How to use the main stand

How to use: Hold the steering handle with your left hand, pull the handle above the seat with your right hand, press down the main stand with your right foot, and pull the scooter backwards.

When folding: Pull the left brake lever with your left hand, the rear brake starts to apply pressure, the whole scooter is pushed forward, and the main stand is automatically folded.

ABS anti-lock braking system

ABS fault light

The ABS fault indicator light is located in the middle of the speedometer on the

instrument panel. The indicator light will light up after the main switch is turned on, but it will not go out automatically. The ABS fault indicator light will go out only when the riding speed reaches 6km/h after the engine is started.

If the ABS system is abnormal, the ABS fault indicator light will light up. At this time, the ABS system may lose its function. Please do not panic, as the original brake system is still working normally.



It is normal for the brake lever to vibrate when the ABS system is activated. When the scooter speed is below 10km/h, the ABS system will not operate.



When the battery fails or malfunctions, the ABS system will lose its function and the ABS fault indicator light will come on.

ABS system description

1.When encountering road conditions that require emergency braking, the ABS system is designed to help prevent the tires from locking during emergency braking, allowing the rider to turn smoothly . The ABS system will automatically control the braking force to reduce tire slippage.

2.The ABS system does not shorten the braking distance. If the scooter is riding on soft, uneven or downhill roads, the braking distance may even be longer than that of a scooter without an ABS system. Therefore, scooters with an ABS system can only exert their maximum function when riding on flat roads.

3.The ABS system is equipped with an ABS ECU and front and rear wheel speed sensors. If tires that do not meet the specifications required by the manufacturer are used, the wheel speed sensor judgment may be affected, causing abnormal operation of the ABS system.



Warning:

Using tires that do not meet the manufacturer's specifications may cause the ABS system to not function properly, and may even cause the rider to have an accident . Therefore, please be sure to use tires specified by ARIC.

Start button

Turn the main switch to the " " position, hold the brake handle tightly, and press this button to start the engine.



Do not use the electric start button while the engine is running to avoid adverse effects on the engine.

When using the starting switch, first turn off the headlight and turn signal.



In this position, the engine is shut down and cannot be started. The switch must be switched to the " " position to start.



The engine kill switch is only used to shut down the engine during a pause.

Please be sure to turn off the main switch when parking and not in use to avoid battery discharge and lack of power.

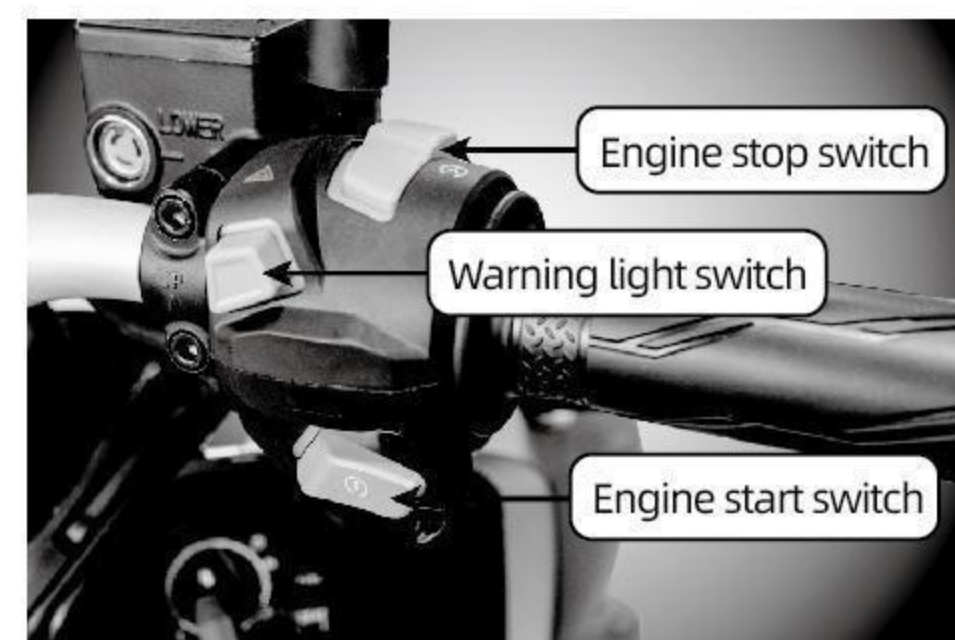
Warning light switch



Press this position , the hazard warning

light will flash.

This position pops up after being pressed to turn off the warning light.



Engine starting

1.Before starting , turn the main switch to position and confirm that the engine is turned off, then turn the switch to position .
2.Pull the rear brake and the engine will start by pressing the electric start button without turning the throttle.



To prevent the scooter from rushing out quickly after starting, you need to lock the rear wheel (tighten the left brake lever) . If the rear brake lever clearance is incorrect, the rear wheel cannot be braked firmly, which may cause danger.

After starting the engine from a cold state, allowing it to warm up briefly (about 3 minutes) will help protect the engine and scooter performance.



After the engine starts, release the start button immediately.

Do not use the start button for more than 4 seconds each time. Wait for more than 30 seconds before starting again to protect the battery.



After the engine is started and before riding, the rear brake lever should be kept in the brake position.

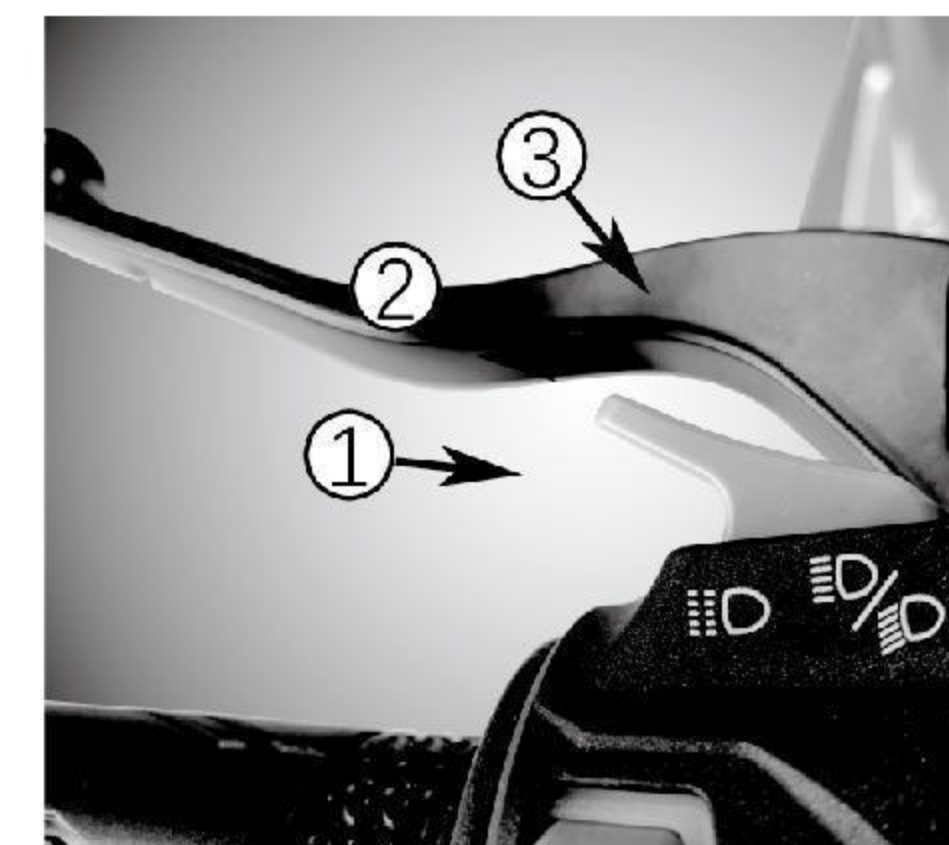
Headlight switch

When the scooter is powered on, the headlights will stay on. At this time, the headlight switch on the left handle can be used to control the headlights, high beams, and overtaking lights.

This position when passing lights are on① .

This position when the headlights are on low beam② .

This position when high beam is on ③.



When riding in the city or facing oncoming scooters, use low beam headlights to avoid affecting the vision of oncoming drivers.

Horn button

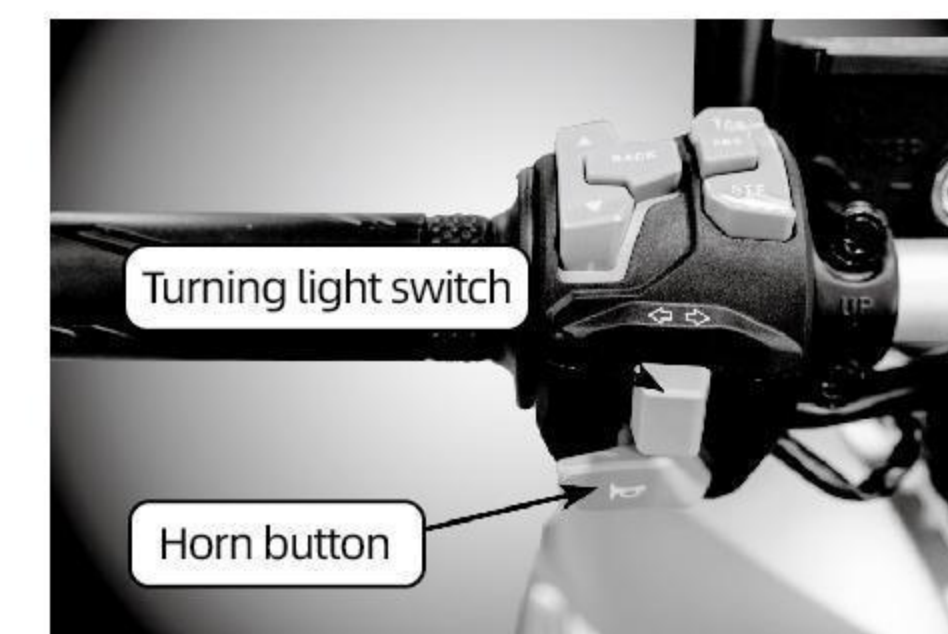
The scooter is equipped with a built-in horn. . When the main switch is turned on position, press the horn button and the horn will sound.

Turn signal switch

When turning or changing lanes, you should use the turn signal. The turn signal flashes when the switch is operated. To return, just press the turn signal button. When using the turn signal, the instrument direction indicator flashes at the same time.

This position is used when turning left.

This position is used when turning right.



The turn signal lights will not work when the main switch is in the " " position.

When changing lanes or turning while riding, you should develop the habit of signaling first, and remember to turn off the turn signal after the operation. ◀

Battery warning

If the engine fails to start, please check whether the battery voltage warning light is on. If it is on, check the charging system or replace the battery.



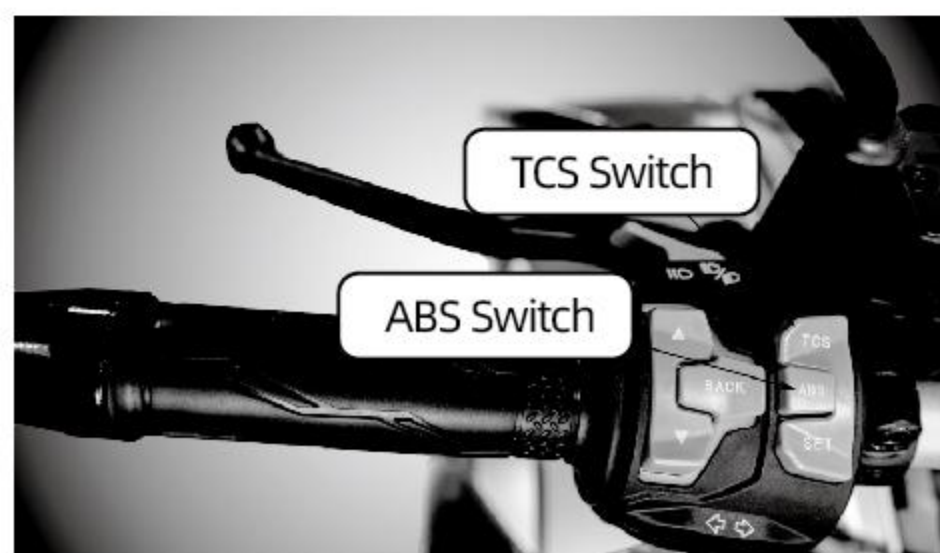
When starting the engine, please install the battery securely; if the battery voltage is abnormal, the engine check light will light up or flash, please go to the scooter dealer or authorized service station for inspection.

ABS switch

Use the ABS switch to turn the ABS on or off. If the ABS light comes on, it means the ABS is on.

TCS Switch(optional)

Use the TCS switch to turn TCS on or off.



Riding Correctly

1. Fold up the main stand first.
Method: Put the rear brake lever in the brake position, then push the scooter forward, the main stand will pop up automatically.

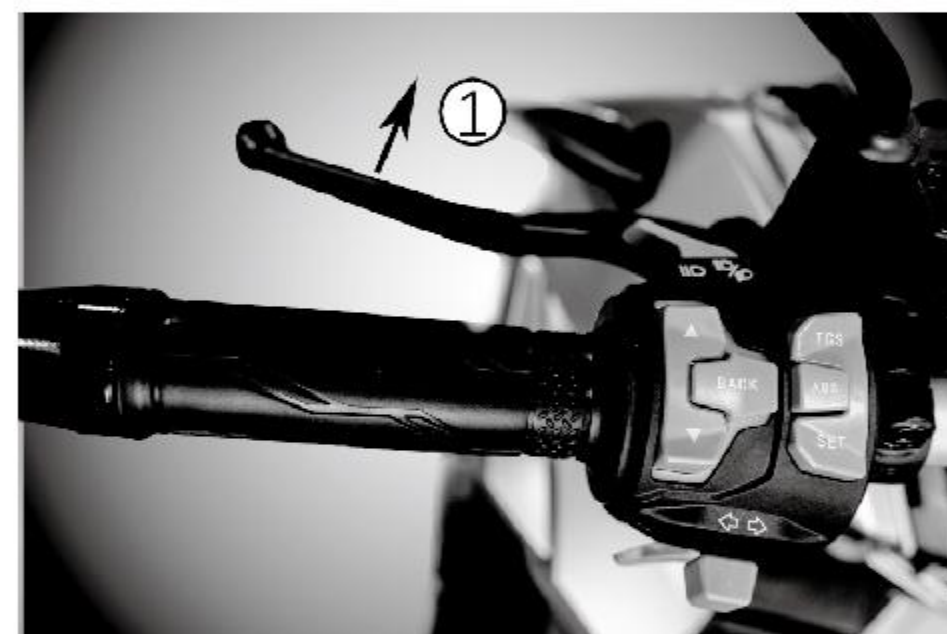


2. Step onto the scooter from the left, sit up straight, and keep your left foot on the ground to prevent falling.



Before riding, the rear brake should be kept in the brake position. ◀
After the engine is started but before riding, do not add throttle to increase the engine speed to avoid danger.

3. Loosen the front and rear brake levers ①②.



4. Slowly rotate the throttle handle and the scooter will move slowly③.



After the front and rear brakes are released, do not increase the throttle abruptly, so as to avoid the scooter rushing forward and causing danger. ◀

5. Before riding, turn on the turn signal first, then confirm where the road is safe before riding.

Speed adjusting

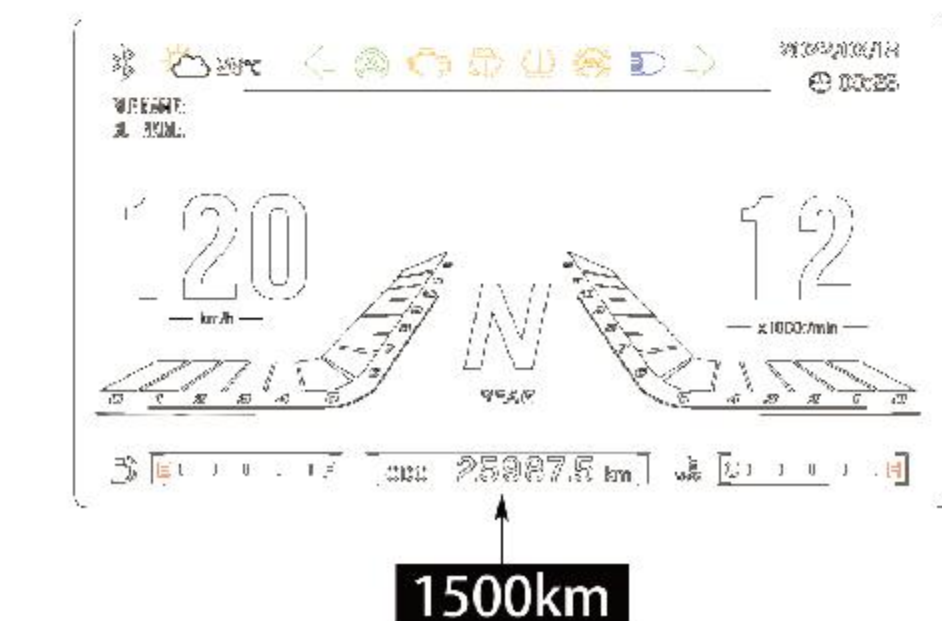
1. The speed is adjusted by the throttle handle.

a. Turning inward will increase the throttle speed.

Take your time.

When starting or going uphill, turn the throttle handle slowly. When you add, the horsepower will increase.

Release the throttle, speed will decrease.



Moderate riding can extend the life of the motorcycle
During the break-in period of a new scooter within 1500 km, please maintain a speed below 60 km/h and avoid sudden acceleration and speeding. Avoid high speed of the engine when no load is applied.

Use the front and rear brakes at the same time when braking

1. After the throttle handle returns to the closed position, apply the front and rear brakes simultaneously.

2. The best way to brake is to slowly tighten the front and rear brake levers.



Using the front or rear brakes alone can easily cause the motorcycle to slip.
Avoid sudden braking while riding as it may cause slipping.

Do not make emergency turns

• Emergency braking and sharp turns can cause sideways sliding and tipping, which is very dangerous.

Riding in the rain

- The road surface in rainy days is different from that in sunny days, and the braking distance will be longer. The speed should be slowed down and the braking time should also be early.
- When going downhill, first loosen the throttle handle to the closed position, slow down early, apply intermittent braking, and ride slowly.



Parking method

When approaching a parking spot

- Turn on the turn signal in advance and pay attention to the scooter's behind and on the sides, and park slowly.
- Return the throttle handle to its original position and pull the front and rear brake levers in advance. The rear brake light will then light up to warn traffic coming from behind.

When the scooter comes to a complete stop Return the turn signal switch to its original position, turn the main switch to  position, and remove the key.



Never turn off the main switch while riding. The failure of the electrical system is the root cause of accidents. The main switch should only be operated after the scooter is parked.

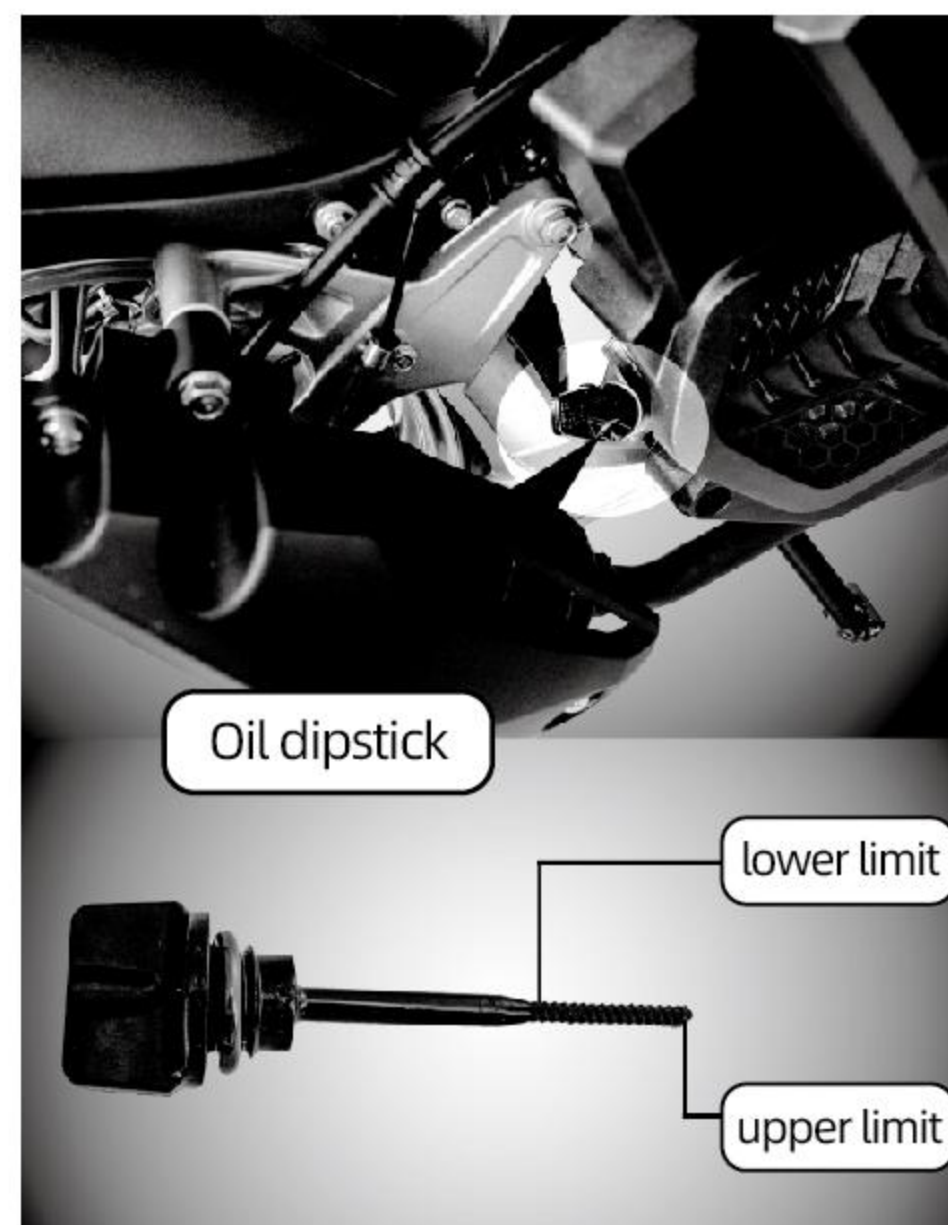
Pre-ride checklist

1. Develop the habit of checking before riding.
2. For safety and to prevent scooter breakdowns and accidents, a prior inspection must be carried out.
3. If there are any abnormal phenomena, please go to ARIIC dealer or authorized service station for inspection.

(1) Engine oil inspection and replenishment Oil check

(Best if implemented 10 minutes after the engine warms up)

1. Engage the main stand, take out the oil dipstick and wipe it clean
2. Insert the oil dipstick directly (do not screw it in).
3. Take out the oil dipstick to check the oil level. When the oil level is close to the lower limit, please add oil to the upper limit.



Recommended engine oil:

SAE: 10W-40 API: SL



Note: Engine oils of different brands and grades cannot be mixed. Please use the specified oil.

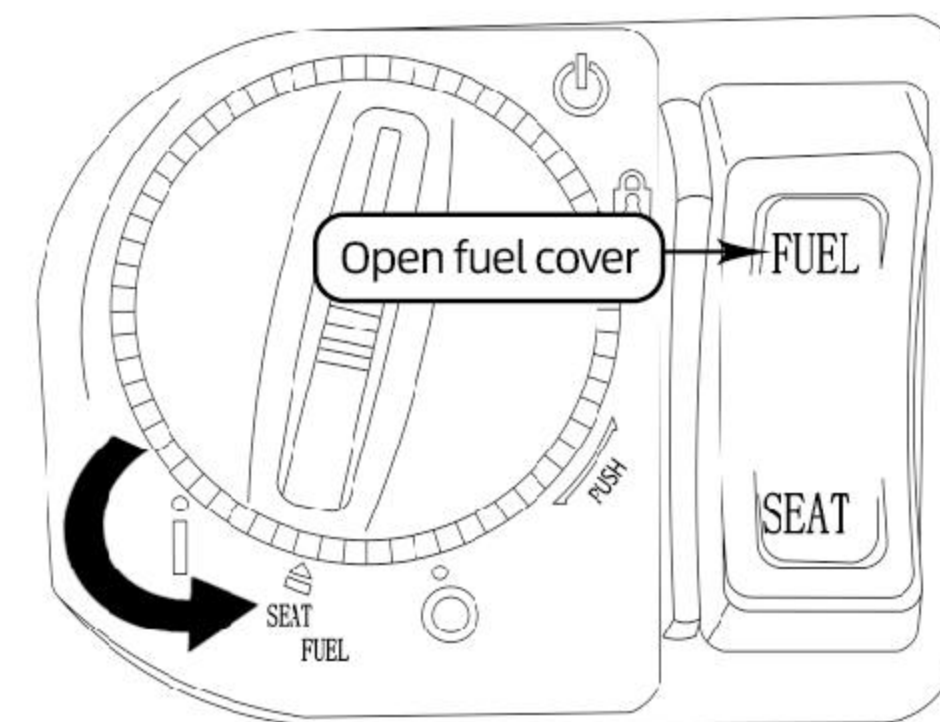
(2) Gasoline Inspection and Confirmation

1. When the oil level display area on the instrument turns red and the instrument  icon keeps flashing, the effective remaining gasoline level is approximately 2.4 L.
2. Please refill with 92# or above unleaded

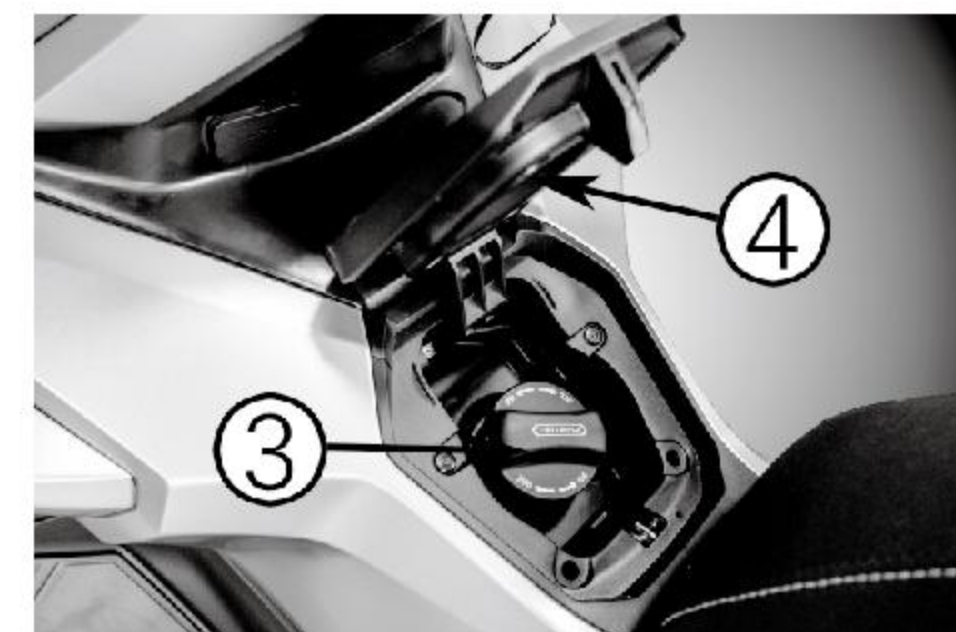
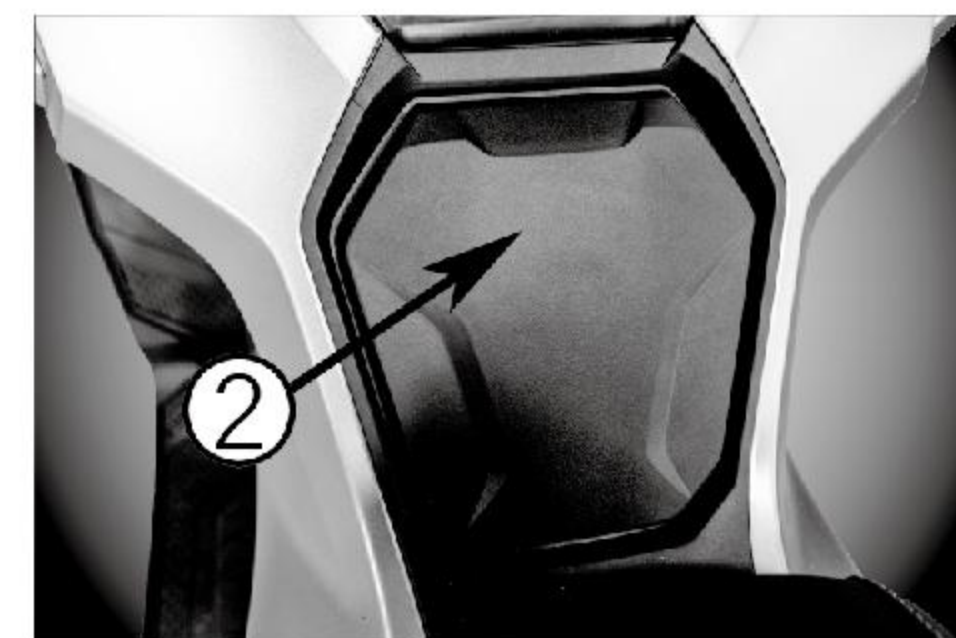
gasoline as soon as possible.

How to use the fuel tank cap:

1. Turn off the engine first.
- Turn the main switch clockwise to the  position and press hard on FUEL to unlock and open the fuel tank protective cover .
3. Turn the fuel tank cap counterclockwise to open.
4. To close, simply turn the fuel tank cap clockwise to tighten it and press the fuel tank protective cover down.
5. Switch the main switch to  start the engine .



When refilling gasoline, the oil level must not exceed the reference plate, otherwise the gasoline will easily seep out.



Do not add other additives when refueling to avoid engine failure.



The engine must be turned off when refueling and open flames are strictly prohibited. Do not overfill the tank to avoid poor fuel supply and damage to the activated carbon canister.

(3) Steering rod inspection

1. Check whether the up, down, front, back, left and right directions are loose.
2. Check whether it is too tight.
3. Check whether the handle has any interference with the surrounding.
4. If you find any abnormal phenomenon, please go to the dealer or authorized service station for inspection.

(4) Front/rear brake fluid inspection

(Brake fluid level)

1. Straighten the handlebars and check the brake fluid in the reservoir. It must be maintained between the upper and lower limit marks.
2. When the fluid level drops close to the lower limit mark, check the wear of the brake disc.
3. When the wear of the brake disc/pad does not exceed the prescribed limit, yet the fluid level drops abnormally, it usually indicates oil leakage. Please find a ARIIC

authorized service station or the dealer where you purchased the scooter to check.



〈Brake fluid refill〉

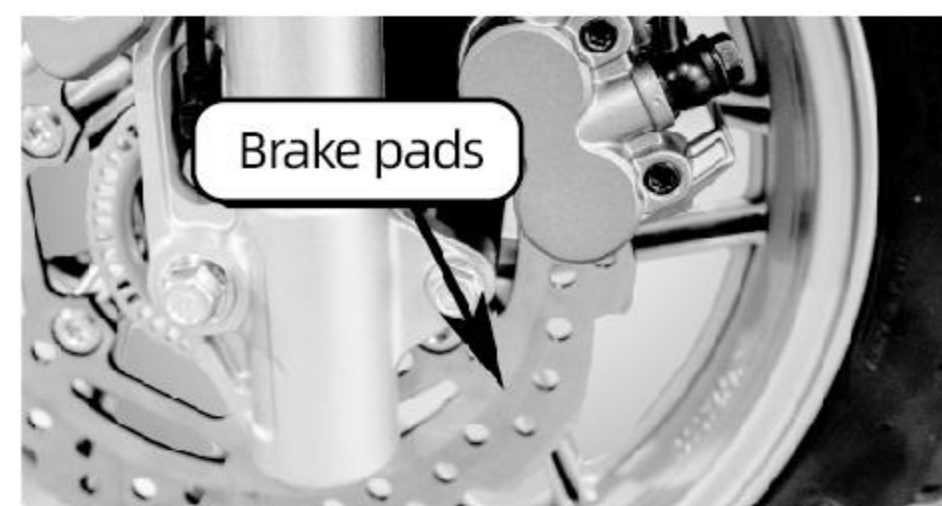
1. Straighten the handlebar and remove the handlebar front cover.
2. Then remove the two fixing screws on the oil tank and remove the oil pump cover.
3. Take DOT-4 brake fluid, inject it into the oil tank to the upper limit, and then tighten the top cover screws.
4. Brake fluid is highly corrosive. When disassembling or assembling, please wrap a rag around the oil filling port to prevent the brake fluid from overflowing and damaging parts.

(5) Brake pad inspection

Check the brake pad remaining limit.



The front/rear brake pads must be flat. If they are deformed, please go to a dealer or service station to replace the brake pads.

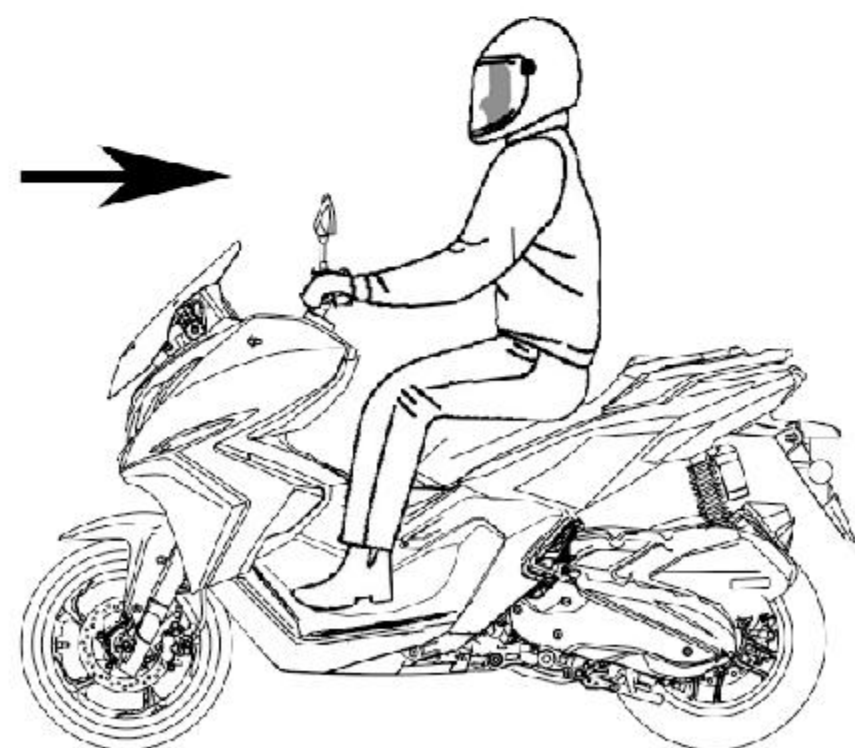


(6) Brake light inspection

1. The main switch is turned to the position.
2. Pull the front and rear brake levers respectively to confirm whether the brake lights are on.
3. Check whether the brake light housing is dirty or damaged

(7) Braking effect inspection

Ride a little to confirm the effectiveness of the front and rear brakes.

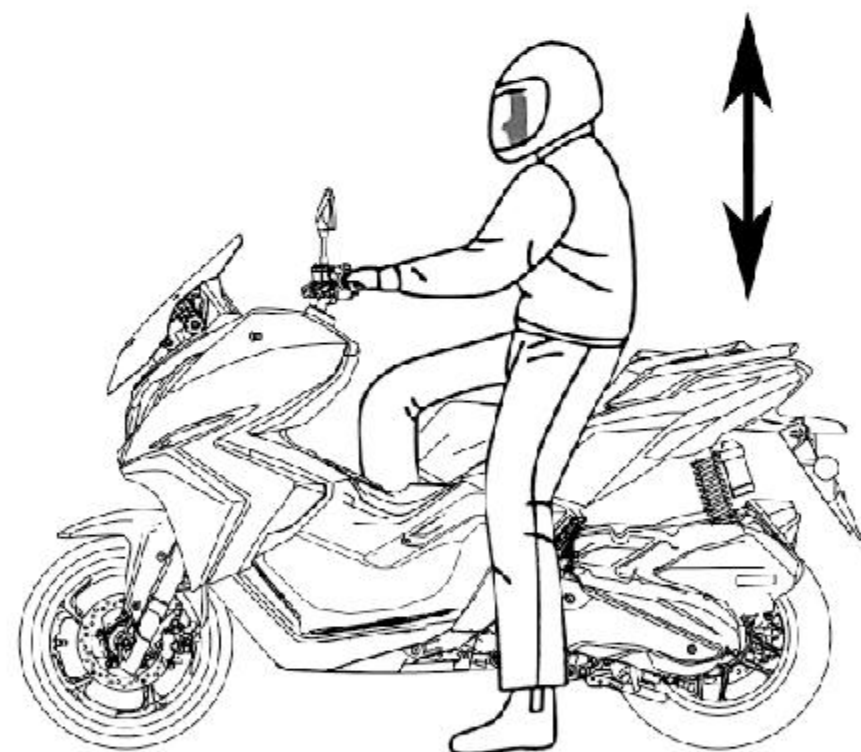


(8) Turn signal light inspection

1. Turn the main switch to the position.
2. Operate the turn signal switch to confirm that the front and rear turn signals and direction indicator lights are flashing.
3. Check whether the turn signal lamp housing is dirty or damaged.

(9) Front and rear suspension inspection

Add weight to the handlebars or seat, and do intermittent downward pressing to check whether the front and rear suspension are in good condition.



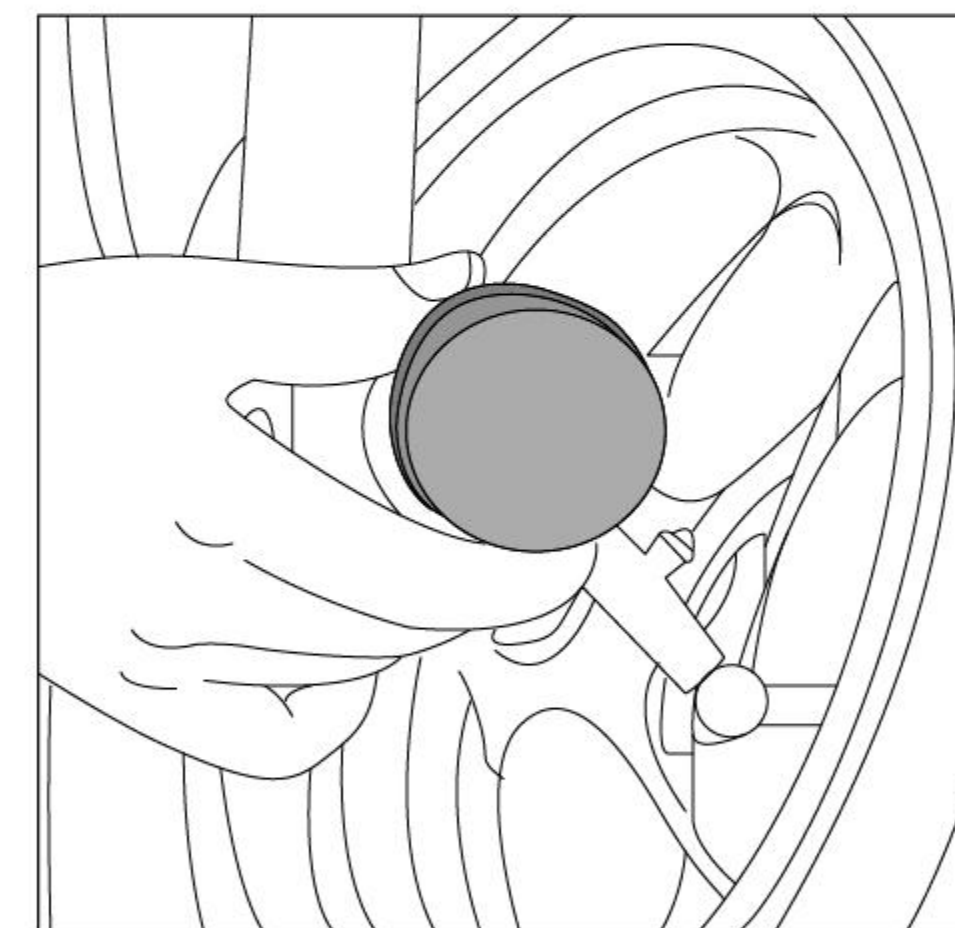
(10) Tire inspection

1. Check the contact status between the tire and the ground and whether the tire pressure is normal.
2. When the tire is in contact with the ground,

if there is any abnormality, use a tire pressure gauge to check whether the tire pressure is normal.

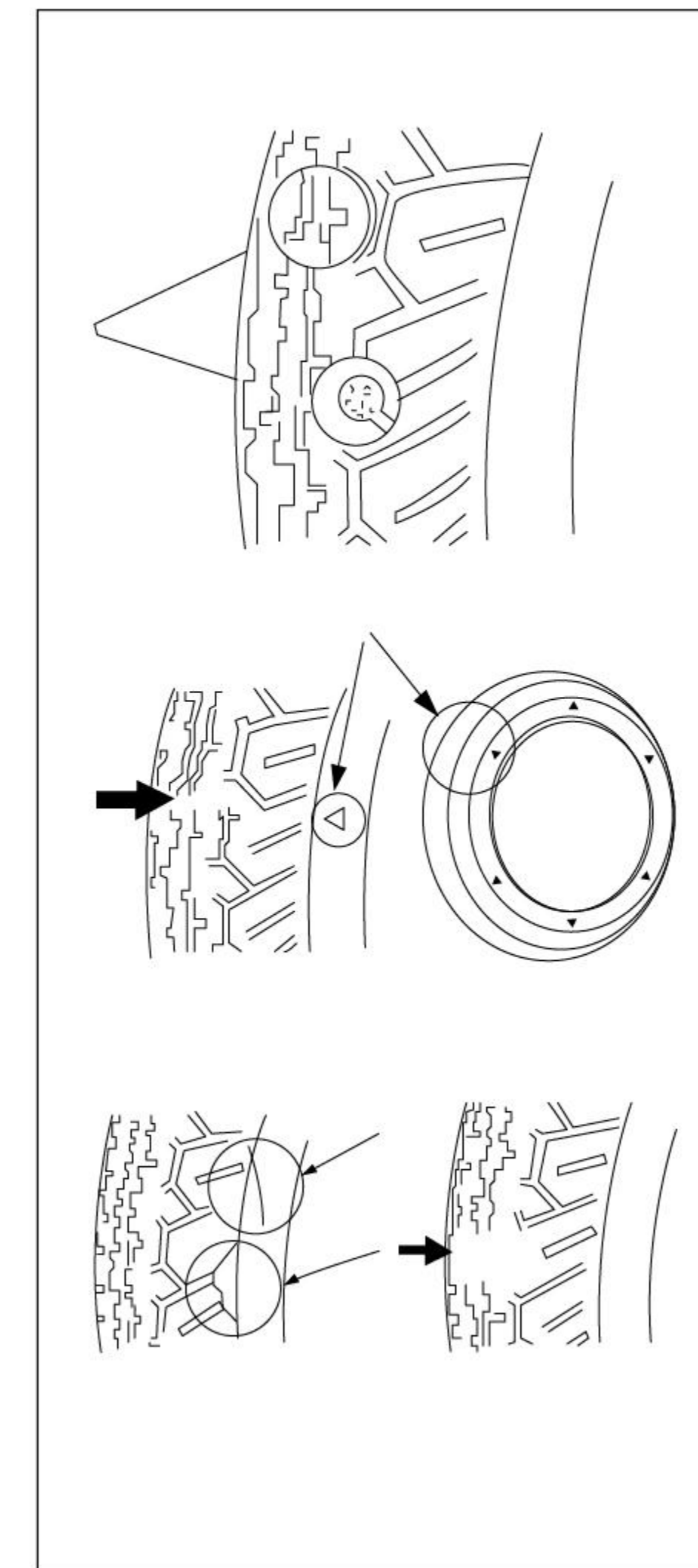
Measuring tire pressure when the scooter is cold

	1person riding		2person riding
Front	2.0kgf/cm ²	Front	2.25kgf/cm ²
back	2.0kgf/cm ²	back	2.25kgf/cm ²



3. Check if there are any metal fragments, gravel, etc. stuck in the tire groove. If so, please remove them before riding.
4. When the tire is cracked or the groove wear exceeds the limit, please replace it with a new tire immediately.

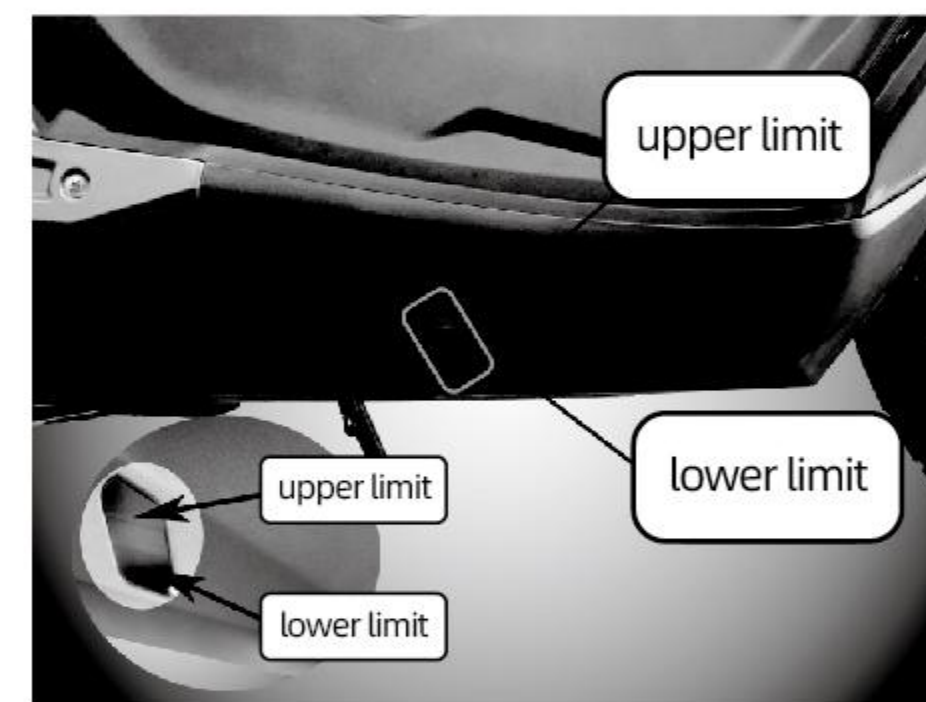
(Please refer to the pointed instructions on the figure)



(11) Cooling water device inspection

Check the water level in the cooling water tank

1. Park the scooter on flat ground and stand it up.
2. Check whether the cooling water reserve tank is between the upper and lower limits.
3. When the water volume is close to the lower limit, please add cooling water to the upper limit.
4. If the cooling water level drops too much, it indicates an abnormality.



Coolant leakage inspection

1. Check whether the water tank and water pipe are leaking.
2. Check whether there is any water leakage on the ground where the scooter is parked.



When refilling cooling water, please use coolant to ensure the performance of the cooling system.

(12) Is the speedometer pointer moving?

After starting, check whether the speedometer pointer moves.

(13) Will the horn sound?

Turn the main switch to  position and press the horn button.

(14) Rearview mirror angle adjustment

Sit on the seat cushion to confirm the rear position and check for damage or dirt.

(15) Rear license plate inspection

Check the license plate for damage or looseness.

(16) Exhaust pipe inspection

Check the exhaust pipe for looseness or noise.

(17) Do other abnormal phenomena in the past still exist now?

1. In order to ensure the safety and comfort of your scooter, please make sure to carry

out regular inspection and maintenance.

2. Please refer to the "Regular Maintenance List" for inspection time and inspection items.

3. When the motorcycle is out of use for a long period of time, regular inspections are also required.

Initial inspection

Please have your new scooter inspected and maintained within one month of purchase or after riding 300km.

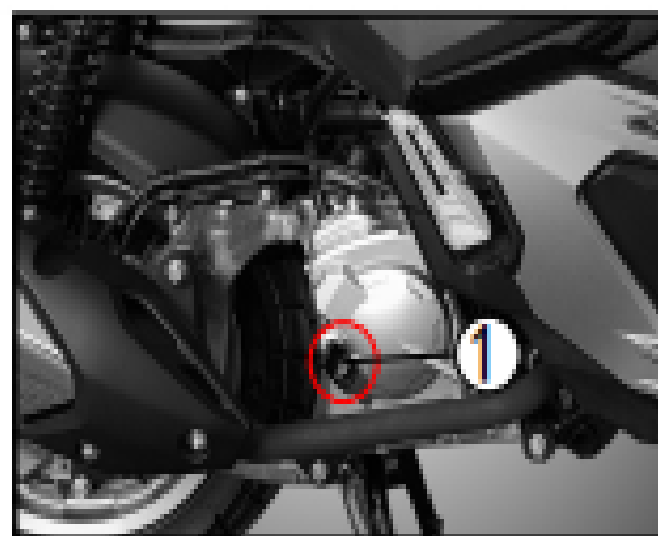
Oil exchange

〈Exchange Period〉

1. For a new scooter, change the engine oil after the first 600km of riding, and then change it every 4000km thereafter.

2. Oil capacity

a. Remove the oil dipstick①, Remove the oil drain screw ② and let all the oil flow out.



★ Replace the oil after the engine is warmed up to make it easier for the oil to flow out.

b. Wipe the drain screw clean and tighten it.

c. Inject new engine oil, the injection amount is 0.8L.

★ Confirm using the oil dipstick.

d. The oil dipstick must be tightened securely.

e. After the engine has warmed up, stop running for 10~20 seconds, check the oil level again.



Check the engine oil level every 1000km and top up if it is insufficient.



Notice

1. Please use ARII's engine oil for four-stroke engines.

Specifications:

2. Under the following conditions, the engine oil will deteriorate more easily, so please replace it in advance.

* Often driven on gravel roads.

* Often ride short distances.

* Idle time is too long.

* Use in cold areas.

3. When refilling the engine oil, do not allow the oil level to exceed the upper limit mark on the dipstick.

4. Be careful to avoid skin burns when

Notes on changing engine oil

1. Too much or too little oil can affect engine performance.

2. When too much:

When the engine is running, the operating resistance increases, the output horsepower is reduced, the oil temperature rises too quickly, and the engine oil deteriorates prematurely.

3. Too little:

When the engine is running, the oil supply to the friction part is reduced, causing excessive friction and burning of the parts.

4. Do not mix motor oils of different brands and grades, or low-quality motor oils, as this may cause engine failure.

5. If you mix additives purchased on the market, the oil will deteriorate, affecting the lubrication performance and shortening the engine life.

6. Please use genuine oil. The manufacturer will not assume any responsibility for any adverse effects caused by arbitrarily replacing or adding non-genuine oil.

Gear Oil

〈Exchange Period〉

1. Once a new scooter has driven 600km. Then, every every 4000km to 6000km thereafter depending on road conditions.

2. Recommended gear oil
SAE 85W-90; API GL-4

〈Exchange method〉

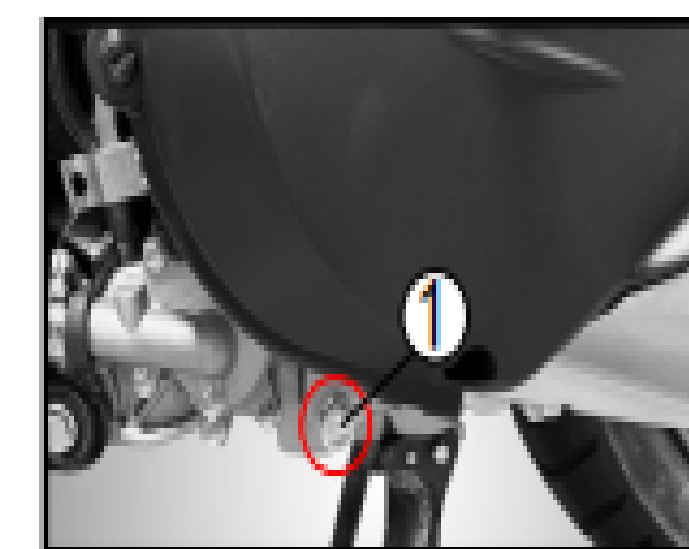
1. Stand the scooter up on a flat surface.

2. This is done when the engine is warm so that the residual gear oil can flow out more easily.

3. Remove the oil drain bolt ① and the gear oil injection plug ②.

4. Wipe the oil drain bolt clean and tighten it.

5. Slowly inject the gear oil into the gear oil injection hole until it is parallel to the lower eye of the hole.



6. After the gear oil is injected, the screw plug must be tightened to prevent oil leakage.



often ride in the rain, ride for a long time, or ride under heavy load, please change the gear oil frequently.

Cooling water supply

Recommended coolant temperature is -35°C
Note: The total water capacity of the water tank is about

Main water tank:

Preparation tank: 300 mL

1. Keep the scooter upright on a flat surface.

2. Open the reserve water tank cover and add cooling water to the upper limit position.

3. When the water level in the reserve water tank is close to the lower limit, please add

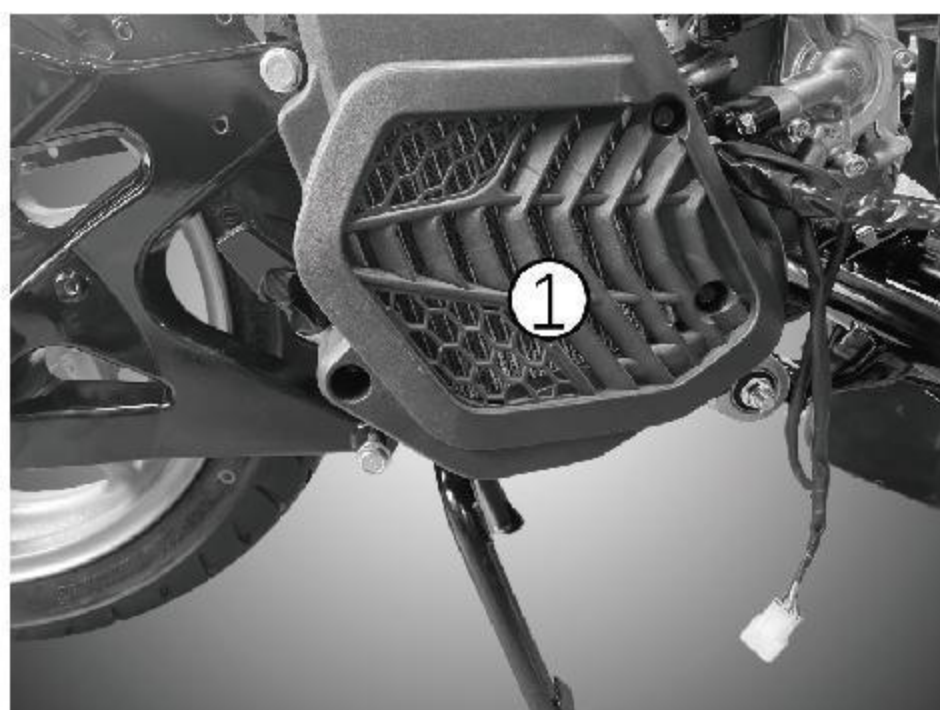
cooling water to the upper limit .

4. If the cooling water level drops too much, it indicates an abnormality.

Cooling water replacement

〈Cooling water discharge method〉

1. Keep the scooter upright on a flat surface .
2. Remove the screws around the water tank cover and take out the water tank cover①.



3. Remove the water pipe of the reserve water tank and drain the cooling water .

4. Rotate and remove the water tank outlet ③ to drain the cooling water.

〈Coolant addition method〉

1. Connect the water pump water inlet rubber tube , rotate and open the main water tank water filling cap② , and add cooling water.
 2. Start the engine to check whether the cooling water level is stable. If it is insufficient, continue to add cooling water.
- After the liquid level stabilizes, fill the reserve water tank to the upper limit.



Be especially careful when opening the water tank cover , because the water temperature is very high and the pressure is very high, and the steam may cause scalding. Please wait until the temperature drops before slowly opening the water tank cover.



If cooling water adheres to the painted surface, rinse it quickly with clean water.



Cooling water is normally replaced once a year or every 10,000 kilometers.

Spark plug inspection

Dirty spark plug electrodes and excessive gap will cause ignition failure.

〈Cleaning method〉

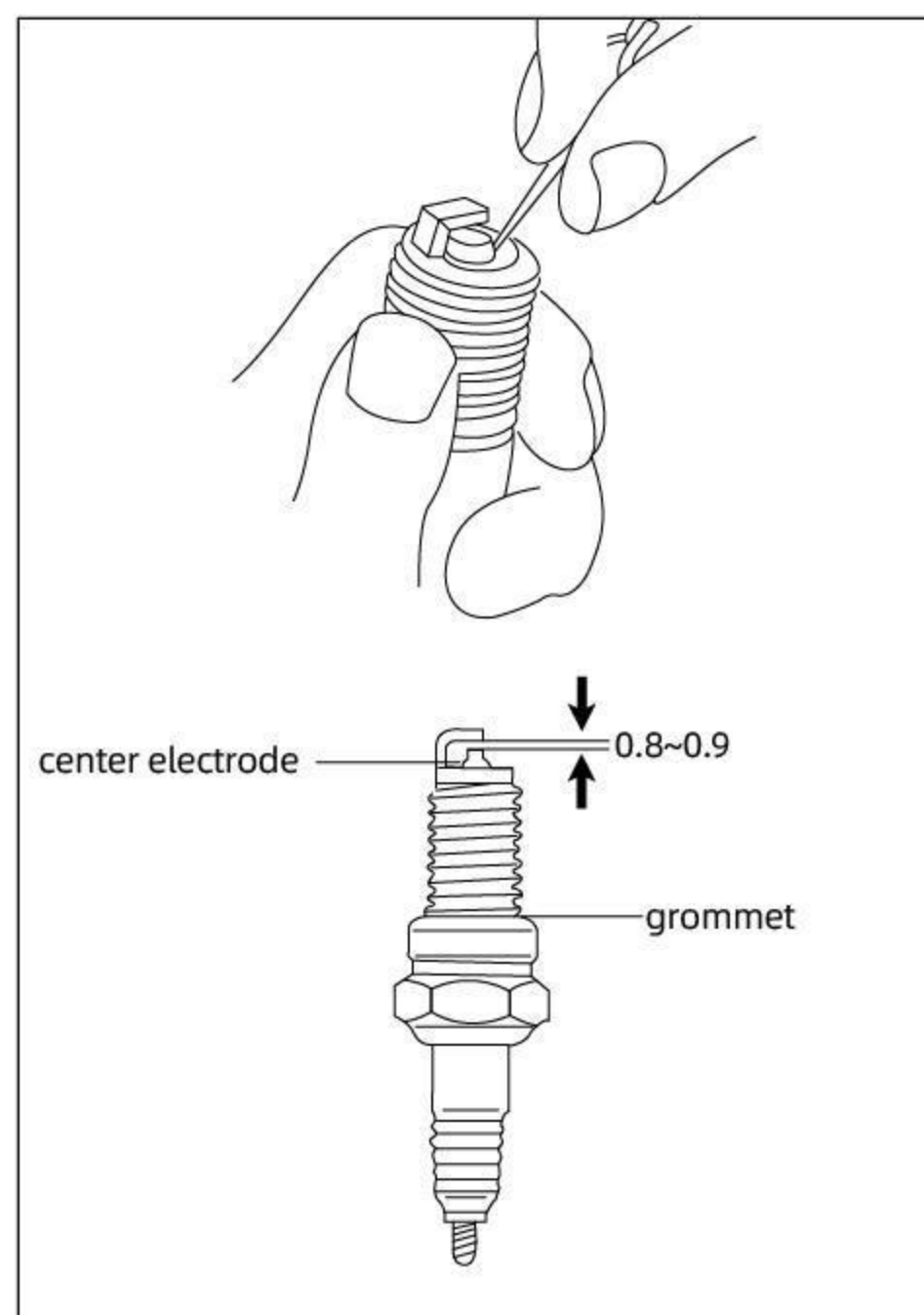
1. Best cleaned with a spark plug cleaner.
2. If there is no cleaner, use a wire brush to clean it.

〈Adjustments〉

The normal side electrode gap is 0.8~0.9mm

〈Specified spark plugs〉

Do not use spark plugs other than those specified : CPR8EA9 .

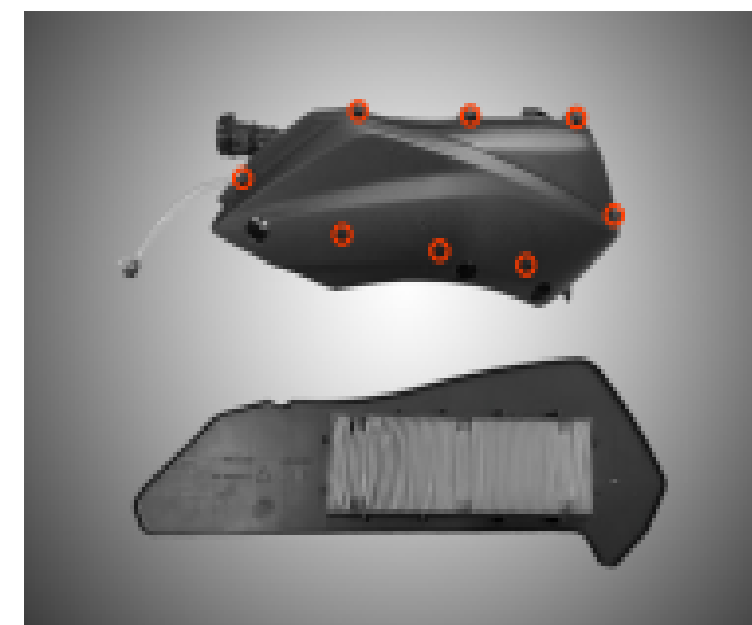


The spark plug is in a hot state after the engine stops , so be careful not to get burned when replacing it .

When installing the spark plug, first lock it with your fingers, and then tighten it with the spark plug socket.

How to clean and replace the air filter

1. Remove the 8 fixing screws of the air filter cover and take off the air filter cover.
2. Place the dust side of the filter element downward and tap it gently to remove the dust. Minor dirt can be cleaned. If it is seriously dirty, please replace it.
3. When installing, follow the reverse order of disassembly.



Please drain the oil from the air filter oil collecting pipe every 1000km . Often riding in bad weather (cold, hot, rain, snow ...) please check and clean the air filter oil collecting pipe regularly.



Please clean the filter element every 1,000 km and replace it every 4,000 km (when the road is dusty, please replace it in advance to maintain good engine performance). The air filter element must be installed tightly, otherwise dust will cause engine wear and shorten its service life .



Do not use solvents or oil-based cleaners to clean the air filter paper. When washing the scooter, the air filter element should not be soaked, otherwise it will cause poor starting.



Rubber cover for wire

1. The inner wires of the conductors are protected by an outer rubber cover. Always check whether they are installed in the correct position.
2. Before washing the scooter, do not rinse the rubber cover directly with water or scrub it with a brush . Wipe it clean with a damp cloth.

CVT transmission system inspection /cleaning

The dust accumulation in the CVT transmission system may cause the scooter to have poor acceleration . Please clean and replace the filter regularly. Please replace or clean the filter every 4,000 kilometers.

〈Remove the filter〉

1. Remove the left crankcase cover fixing bolts .
2. Remove the screws of the left crankcase cover partition and remove the filter cotton holder .
3. Remove the air filter and clean or replace it . Install in the reverse order of removal.

〈Cleaning Method〉

Use an air blow gun to clean the filter body and wipe the dirt inside the left crankcase cover.

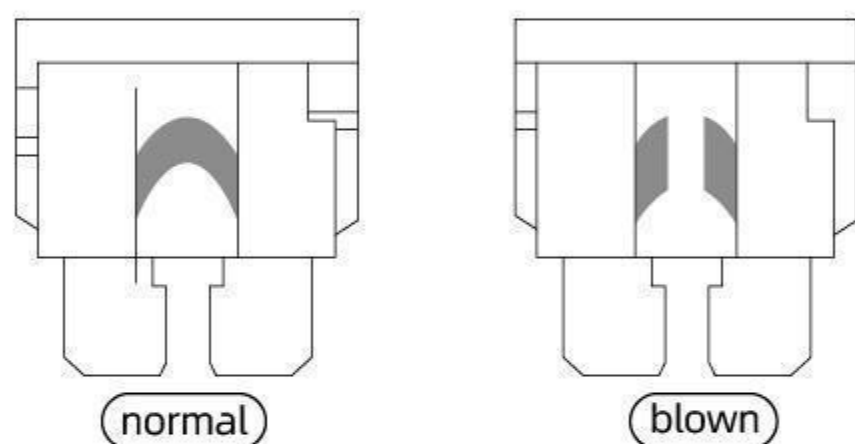


please use genuine parts.

5.If counterfeit products are used, the fuse may break easily and the battery load may be unbalanced.

6.If the fuse is blown, find out the cause first and then replace it with a new one, otherwise it will burn out again.

7. If you cannot find the cause, please go to the scooter dealer or service station for inspection.



When washing the scooter, try to avoid strong water washing around the side covers.

Fuse Replacement

1.Before checking or replacing the fuse, turn the main switch to  the position to prevent short circuit.

2.Do not use fuses other than those specified; otherwise the manufacturer will not be held responsible.

3.Using a fuse other than the specified capacity will cause the wiring to overheat and burn.

4.When replacing electrical components,

When disassembling

1.Open the fuse cover and take out the fuse.

2.If the fuse has poor contact, it will easily overheat and cause malfunction.

Fuse specifications:



When assembled

1.Install the fuse into the holder and press the top cover tightly.

2.After installing, try to pull the fuse. If it is loose, it will cause heating and malfunction of the circuit. Please check carefully.

Battery electrolyte check

1.This model uses maintenance-free batteries.

2.The electrolyte does not need to be checked and replenished.

Battery terminal

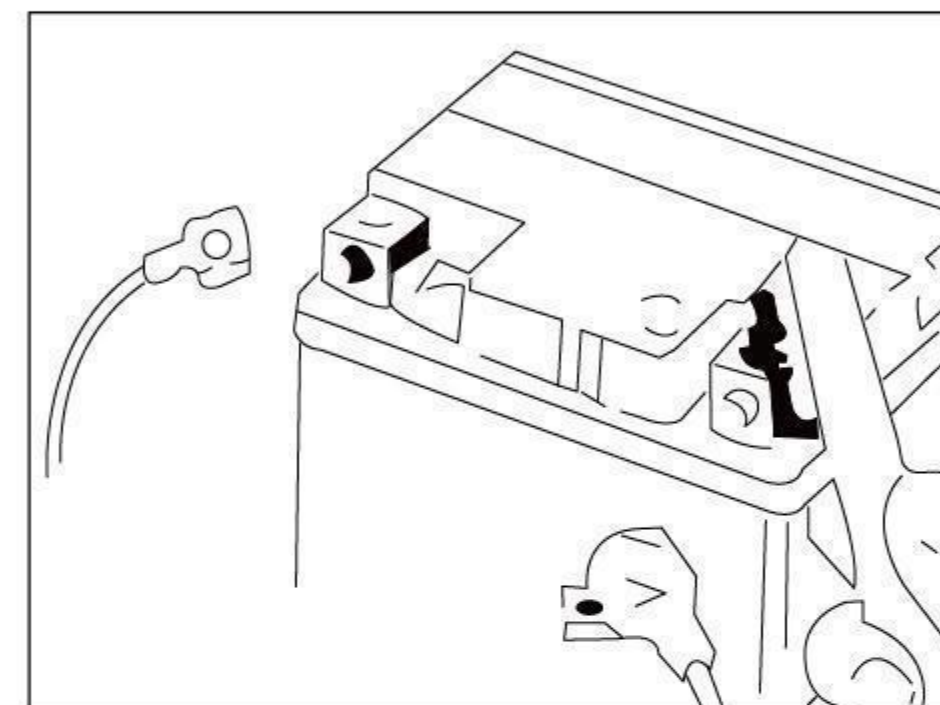
1.When cleaning the head of the battery terminal, please first remove the 4 screws of the battery cover and then disassemble the battery cover.

2.When the head of the battery terminal is

corroded, please take out the battery and clean it.

3.After cleaning, please apply a thin layer of grease or Vaseline to the head of the battery terminal before installing the battery.

Battery capacity :



When disassembling and assembling the battery, be careful to keep the fire source close. When disassembling, you must first turn off the main switch power supply, and then remove the negative electrode, install the positive electrode (red), and then install the negative electrode (black).

The terminal screw should be locked when it becomes loose.

Maintenance precautions

1.Do not remove the sealed battery electrolyte cover.

2.Batteries produce flammable gases, so be careful to prevent fire during installation.

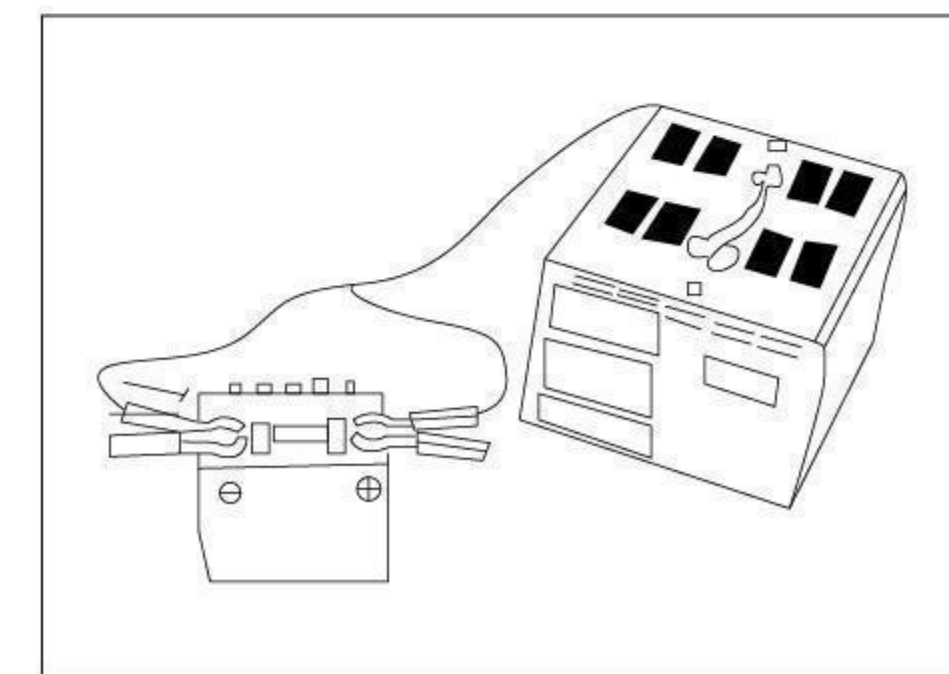
3.Battery fluid is dilute sulfuric acid, which can damage eyes and skin . If it accidentally drips onto the skin, rinse immediately with clean water and then seek medical attention.

4.Pay attention to the electrode connections when charging.

5.If the battery is not used for a long time , it will discharge automatically. To prevent leakage, fully charge the battery and store it in a cool and ventilated place. The negative electrode should be removed when storing it in the scooter.

6.If you ride less than once per month,, please recharge the battery once to keep it in good condition.

Please go to the scooter dealer or authorized service station for details.



Scooter breakdown

Please have the product inspected by a dealer or authorized service station.

Engine cannot start

When you stop while riding, please check the following:

1. Is there any gasoline left?

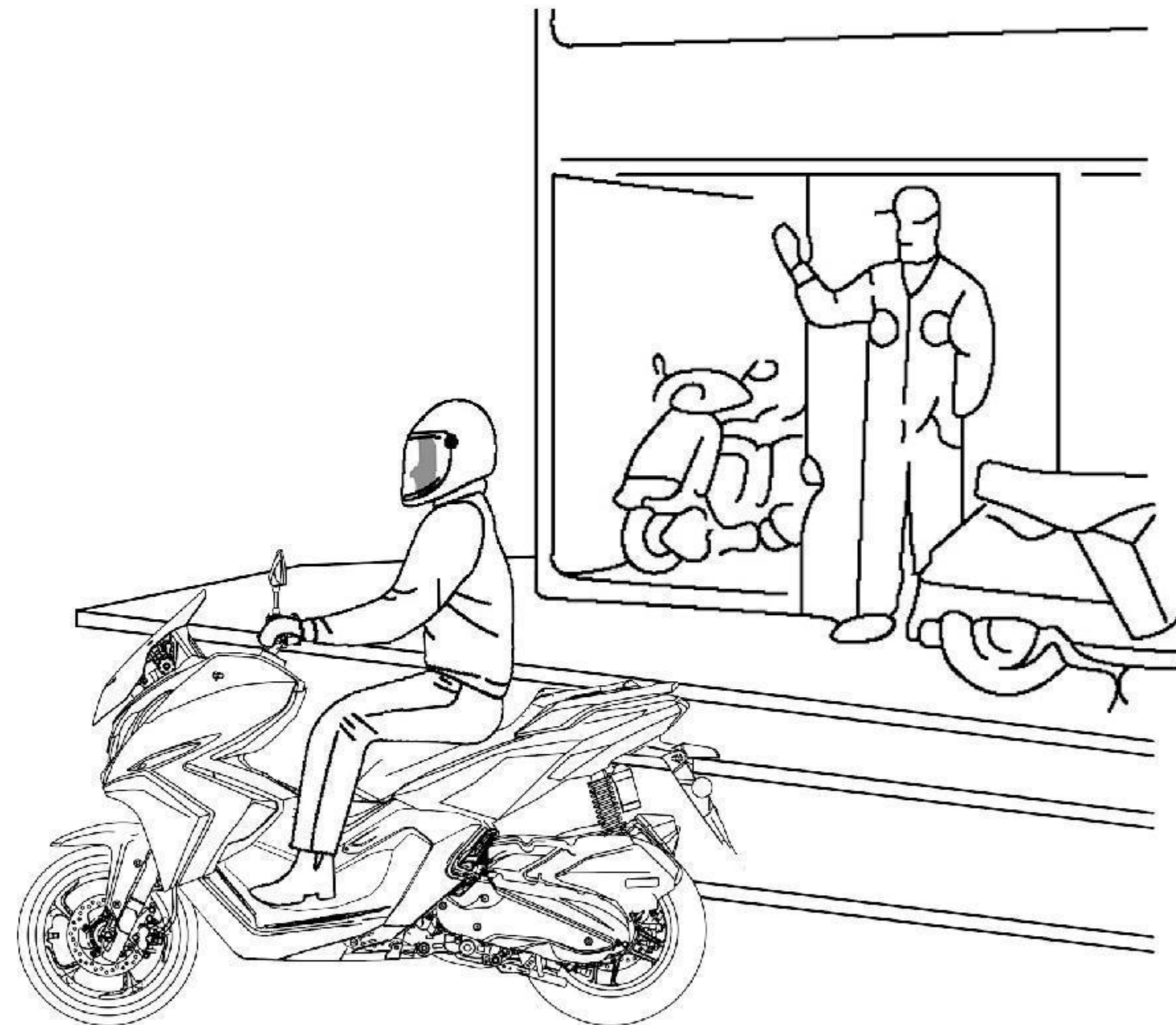
If the fuel gauge pointer is in the red area, please replenish with 92# or higher unleaded gasoline.

2. Is the method of starting the engine correct?

3. Are there any problems with other parts?

Lubrication of scooter body parts

Visually check whether the bearing parts of the scooter body are sufficiently lubricated . If not, please add lubricant in time.



Exhaust Emission Control System Maintenance:

Method of operations:

1. Please refer to page 24 for the method of cleaning the air filter.
2. Engine oil - To make the engine burn more completely and reduce the amount of pollutants, please change the engine oil every 4,000 km .
3. Gasoline - To prevent the performance of the ignition system from affecting the combustion efficiency, please be sure to use 92# or higher unleaded gasoline. Leaded gasoline is strictly prohibited. (Using leaded gasoline will cause the catalytic converter in the exhaust pipe to deteriorate and fail .)

Regular inspection methods:

1. Check whether the EEC (evaporative emission control system) pipe joints are locked or broken. If so, they should be locked or replaced with new ones.
2. Activated carbon canister - blow air into it with your mouth to test its air permeability. If there is poor ventilation or blockage, replace it with a new one.
3. Liquid-gas separator - remove the pipe leading to the activated carbon tank and blow it with compressed air . If it is unobstructed, it is good. If it is blocked, it is defective and needs to be replaced with a new one.
4. Please perform maintenance according to the exhaust emission control system maintenance items listed in the table.

Irregular inspection:

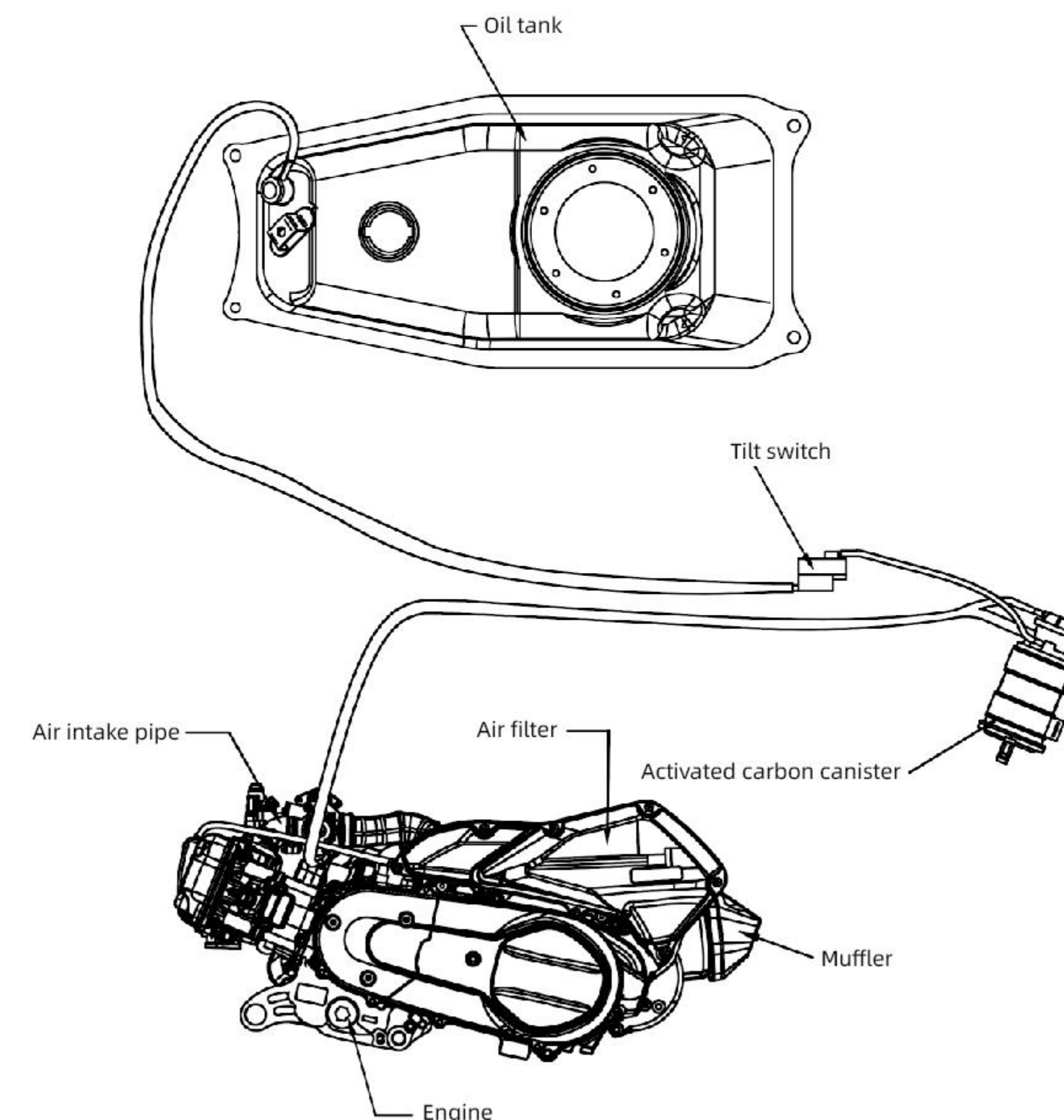
If an accident occurs to the scooter, check whether the pipe parts in the EEC system are broken or loose, and perform regular maintenance according to the exhaust emission control system maintenance items .

Recommendations:

- 1.The pollution emission value of this scooter model complies with the environmental protection regulations and control standards. Please do not adjust the adjustable parameters at will.
 - 2.Do not remove or modify the vacuum line of the evaporative emission control system.
 - 3.To reduce emission pollution, do not increase the throttle when idling.
 - 4.In addition to regular maintenance, if any abnormality is found (such as poor starting, emission of black smoke , etc.), it should be repaired immediately.
- Go to our company's designated service station for repair and maintenance.
- 5.Use only 92# or higher premium unleaded gasoline to ensure the function of anti-pollution components.

Evaporative Emission Control System (EEC)

EEC is an evaporative exhaust gas emission device that collects the evaporated oil gas in the fuel tank to prevent the oil gas from escaping into the atmosphere and causing environmental air pollution.
(As shown below)



Circuit Schematic

